ie Mining Journal

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 838 .--- Vol. XXI.

LONDON, SATURDAY, SEPTEMBER 13, 1851.

PRICE 6D.

Stannaries of Cornwall—In the Vice-Tharben's Court.
TILLY v. MACINTOSH—SAME v. TRUSCOTT—SAME v. DICKINSON—
SAME v. SMALL—SAME v. TREVILLION.

IN RE WEST UNITED HILLS MINE.

NOTICE IS HEREBY GIVEN, that, pursuant to the several OTICE IS HEREBY GIVEN, that, pursuant to the several above-named causes, and bearing date respectively the 19th day of August last, a PUBLIC AUCTION will be HOLDEN at Pearce's Eoyal Hotel, TRURO, on Thursday, the 29th day of September inst., as Four o'clock in the afternoon, for SELLING, in such lots as shall be then and there determined on, FIFTY (1110ths) PARTS, or SHARES, of the defendant, George Macintosh; TWENTY-FIVE (1110ths) PARTS, or SHARES, of the defendant, William Dickinson; FIFTY (1110ths) PARTS, or SHARES, of the defendant, William Dickinson; FIFTY (1110ths) PARTS, or SHARES, of the defendant, William Dickinson; FIFTY (1110ths) PARTS, or SHARES, of the defendant, william mail; and TeN (1110ths) PARTS, or SHARES, of the said defendants respectively of and in the ORES, HALVANS, MACHINERY, and MATERIALS, and OTHER EFFECTS upon and belonging to the SAID MINE.

For further information application may be made to Messrs. Hodge and Hockin, solicitors, Truro.—Dated Registrar's Office, Truro, Sept. 10, 1851.

Stannaries of Cornwall .- In the Vice-Warben's Court.

DURSUANT to a DECREE of the VICE-WARDEN'S COURT, made in the cause of TYACKE and OTHERS v. MILL, the CREDITORS in respect of WHEAL POLCEAR and LANCARROW MINE, in the parish of WENDRON, within the said Stannaries, are, on or before the 24th day of Sept. inst, to come in and PROVE their DEBTS before the Registrar of the said Court, at his office, in Truro, or, in default therof, they will be excluded the benefit of the said Decree.

Dated Registrar's Office, Truro, Sept. 10, 1851.

DARGE REGISTRAT'S OMCE, Truto, Sept. 10, 1851.

PURSUANT to a DECREE of the HIGH COURT of CHANCERY, made in a cause of BIRCH v. PRICE, with the approbation of Sir William Horne, one of the Masters of the said court, peremptorily, by Mr. JOHNSON, on Friday, the 24th day of October next, at Three o'clock in the afternoon, at the Wynnstay Arms Hotel, in WREXHAM, in the county of DENBIGH, in one lot, the FREEHOLD ESTATE, consisting of PLAS MOSTYN FARM, COLLIERIES, and MINERALS of COAL and IRONSTONE, situated in the said parish of Wrexham.

Particulars may be had gratis, in London, at the said Master's Chambers, Sonthampton-buildings, Chancery-lane; Mr. N. C. Milne, solicitor, Harcourt-buildings, Temple; of Mesars. Hughes, Fairfoot, and Webb, solicitors, Clement's Inn; and in the country, of Mr. Jones, solicitor, Brynhyfryd, Ruthin; and Mr. Robert Humphreys Jones, solicitor, Wrexham: at the piace of sale; and the principal inns in Ruabon, Liverpool, Manchester, Chester, Shrewsbury, Wolverhampton, and Birmingham.

POSITIVE AND UNRESERVED SALE OF MINING MATERIALS. MR. PRYOR has received instructions to SELL, BY AUC-the remainder of the —

MATERIALS AT WHEAL MARY-comprising:

MATERIALS AT WHEAL MARY—comprising:

One 70-inch CYLINDER ENGINE, with two bollers; one large capstan and shears; one 4-inch capstan rope, 140 fms.; one flat rod bob; fifteen 16-inch pumpe; two 15-inc. ditto; two 14 inch ditto; five 13-inch ditto; one 10-feet 14-inch ditto; one 10-feet 14-inch ditto; one 16-inch windstore, 10 feet long; two 14-inch ditto; one 16-inch windstore, 10 feet long; two 14-inch ditto; 9 feet long; four 13-inch ditto, 6 feet long; one 16-inch H and top-door plece; four 14-inch clack seat pleces; four 14-inch matching pieces; two 20-inch ditto; one 16-inch plunger pole, aufling-box and gland to fit.

A lotto 9-16-the chain, machine kibbles, and waggons, horse-whim, one smith's bellow, one anvil, 10-of g-inch wood rods and shleves, miners' tools and chests, dressing tools, jugging hutches, round buddle, 8-feet water-wheel, trunks, 80 fathoms 12-inch launders, 60 fathoms 8-inch ditto, shaft tackie and shleves, dressing houses, two grindstones, 80 fathoms 8-inch ditto, shaft tackie and shleves, dressing houses, two grindstones, 50 fathoms 8-inch ditto, shaft tackie and shleves, dressing houses, two grindstones, 50 fathoms 8-inch ditto, shaft tackie and shleves, dressing houses, two grindstones, 50 fathoms 8-inch ditto, shaft tackie and shleves, dressing houses, two grindstones, 50 fathoms shaft and synus ladders, staples and glands, too for scrap iron, useful for country smiths, old timper, and a variety of other useful articles for mining purposes, the whole of which will be positively sold.

Dated Mining Offices, Town Hall, Redruth, Cornwall, September 1, 1851.

GLAMORGANSHIRE -SALE of Valuable FREEHOLD ESTATES and MINERALS GLAMORGANSHIRE—SALE of Valuable FREEHOLD ESTATES and MINERALS MR. THOMAS THOMAS WIll SELL, BY AUCTION, at the Castle Hotels, NEATH, on Wednesday, the 29th of October, 1811, between the bours of Twelve at non- and Two o'clock in the afternoon, unless previously disposed of by private contract (of which due notice will be given), in ante lots amale subject to such conditions of sale as will then be produced, the following valuable and improvable of the FARMS of MAESMELIN and PANT-Y-SHAMEL, with the COTTAGES thereon and WOODLAND adjoining, containing altogether about 138a. 3a. 3ar. PENTWIN, containing about 47a. (a. 29r. A MOIETY of the FARMS of NOYADD WEN and TYR EINON, with the COTTAGES thereon and WOODLAND adjoining, containing altogether about 137a. 2a. 24r. altowhich are in the parish of Gadoxton-juxta-Neath; and all MINES and MINERALS under a part, containing apwards of 200 acres, of the GLANBRANE ESTATE, situate in the parish of Lansaamlet.

which are in the manufactor of 200 acres, of the GLANBRANE ESTATE, smalle in the partia of Liansamilet.

Particulars and plans are in preparation, and will shortly be ready for delivery.

Further particulars may be obtained of Messra. Liewellyn and Randall, solicitors, Neath; or of the auctioneer, West of Eugland Insurance Office, Neath, who will, on being applied to, give every facility for viewing the property.

NORTH STAFFORDSHIRE

NORTH STAFFORDSHIRE.

THE CHEADLE AND OAKAMOOR COPPER AND BRASS
SMELTING, REFINING, WIRE-DRAWING, AND TUBING MILLS, communicating by a siding with the North Staffordshire Railway, driven by steam and water-lower, replete with machinery, and in full operation, WILL BE OFFERED FOR SALE, BY AUCTION, at the Royal Oak Inn, in CHEADLE, in the county of Stafford, on Friday, the Softh Sept., 1851, at Three o'clock r.m., unless previously disposed of by private contract.—Particulars may be had on application to Rupert Ingleby, Esq., Cheadle; or Messrs. Ward and Son, solicitors, Newcastle, Staffordshire.

East.—Particulars may be had on application to Rupert Ingleby, Esq., Cheadle; or Messia. Ward and Son, solicitors, Newcastle, Staffordshire.

VIADUCT FOUNDRY, NEWTON, NEAR WARRINGTON, TO BE SOLD BY PRIVATE CONTRACT.—TO RAILWAY COMPANIES, ENGINEERS, MACHINE MAKERS, COTTON SPINNERS, AND MANUFACTURERS.—In consequence of the dissolution of partnership of Messra Jones and Potts, engineers and fronfounders, of the above foundry, the WHOLE of that large and well-known ESTABLISHMENT will BE DISPOSED OF, either in one lot, or the Building, Garden and Establishment of the contraction, and cottages will be sold separately. These buildings, with very little alteration, and be made available for many branches of manufacture. The above works are slinted at late in the Liverpool and Manchester Railway, near the Warrington Junction Station. They see 13t miles from Liverpool, 164 from Manchester, 5 from Warrington, and 4 from St. Helens. The Sankey Canal also runs within a quarter of a mile of the works. The buildings, gas-works, and cottages occupy five screet wor roods fourteeur 50ts, statuto Beasure, which is subject to a chief reat £91 5s. 3d. per annum, with three leases of 999 years each, bearing dates March 26th, 1839, Junary 26th, 1847, and December 26th, 1849. There are 77 cottages, the annual rental of which is £530. There are two communications from the London and North-Western Railway into the centre of the works, with a siding along the main line of about 369 yards.—N.B. The saachinery, which may be purchased with the land and buildings of it will be sold in separate items to suit purchasers, consists of 38 lathes, two double wheel lathes, 39 planing machines, in the suit purchasers, consists of 38 lathes, two double wheel lathes, 39 planing machines, the suit purchaser, consists of 38 lathes, two double wheel lathes, 39 planing machines, the suit purchasers, consists of the works and and buildings of it will be sold in separate items to suit purchaser, consists of the suit has a suit and the suit of the suit of th

upon on or after the 28th day of September next, for such a term of years greed upon, all that CURRENT-GOING COLLIERY, well-known by the na 79-8-RNI OOLLIERY, at present held by Mesra. Archbold and partners, un in the Dean and Chapter of Durham, comprising the COAL MINES under

MR. JAMES CROFTS, of 4, KING-STREET, CHEAPSIDE,
MINING BROKER, OFFERS his best SERVICES to CAPITALISTS for the
FURCHASE OF SALE Of MINING SHARES, and transacts business only for principals.

Ma. Croot's has FOR SALE SHARES in the following MINES:—Wheat Zion, Okel
Tor, West Polgooth, Appledore, Bronfloyd, South Tamar, Bedford United, East Tamar,
Hignaton Down, East Gunnis Lake, Bodmin Consols, Warleggan, Silver Valley, Spearne
Consols, Wheat Lovel, North Fowey Consols, East Russell, and can PROCURE or SELL
SHARES in all DIVIDEND MINES, and in particular a permanent one, paying £8 per
cent. per annum interest upon a cost of £35 per share.

The increased business in mining shares is producing more regularity in prices: and
rendering transactions of a more easy and satisfactory character. Mr. Crofts will (confidentially) give an opinion of the value of any mine within his knowledge, either personally or by letter.—Dated Sept. 12, 1851.

GENERAL MINING OFFICES.

23, Threadmeedle-street, London.

AR. JOSEPH JAMES REYNOLDS, late of CAMBORNE, CORNWALL, begs to inform his friends and the public that he has COMMENCED BUSINESS as a MINING and GENERAL AGENT at the above office, and trusts, by paying a due regard to the welfaire of his clients, that he will at all times merit their confidence. Having been connected with the management of mines in the most productive districts of Cornwall upwards of twenty years, and being in communication with some of the most respectable agents in the mining districts, Mr. Reynolds will be enabled at all times to furnish such information as may be relied on. Mr. Reynolds has SHARES in the following MINES FOR SALE :-

Wheal Gill Sydney Godolphin Wheal Matilda Wheal Zion Carvannall
West Bassot
West Stray Park
Pendarves & St. Aubyn
South Condurrow
Wheal Unity

and is a BUYER in the following MINES :-

West Providence
North Pool
Treviskey and Barrier

West Wheal Seion Trelawny East Wh. Alfred Consols J. J. REYNOLDS will carry on business upon COMMISSION ONLY, making no in termediate price between buyers and sellers, and will be ready at all times to introduce the buyer and seller of any shares to each other.—Office hours Ten to Four.

MESSRS. FRANCIS & CO., in order to avoid the complicated and indefinite system of Calls for working or proving mines, consider that a better and more satisfactory one will be found in offering the public those chiefly in which the machinery and underground work required to bring them into a state of profit has been completed and paid for.

In mines thus far advanced, it will be obvious that as there will be no risk, so there can be no necessity for calls—the speculative part of the adventure having been gone through; and in this way capitalists will be enabled to invest with the certainty of mediate returns.

Mr. MATTHEW FRANCIS takes leave to announce, that he has several THOUSANDS of POUNDS WORTH of SHARES to DISPOSE OF, which, at the selling price, give a profit of from £20 to £40 per cent.

**Second Control of Control of Control of Control of Countrol of

R. RICHARD GREENWOOD begs leave most respectfully to acquaint his friends and the Public generally that he has COMMENCED the BUSINESS of an AUCTIONEER, APPRAISER, MINE SHAREBROKER, and general COMMISSION AGENT.—Mr. R. GREENWOOD having for many years been engaged in the Mining and Commercial business of this county, and being fully aware of the destrableness of strict confidence in those who arrange such transactions, does not hesistate to pledge himself to the conducting of whatever business may be committed to his carpo, with the strictest attention to the interests of his clients.

Parties entrusting property to Mr. Greenwood can be accommodated with an advance of money in anticipation of a sale.

OFFICES—PYDAR-STREET, TRURO.

MINING SHARES.—Mr. HENRY VATCHER, EXETER,
OFFERS his ADVICE and ASSISTANCE to PARTIES willing to INVEST in
the ABOVE SECURITIES. Ten years' residence in Exeter, together with periodical
visits to nearly all the Mines in Devon and Cornwall, enables him to become throughly
acquainted with their respective merits.—Mr. VATCHER has at his command, at all times,
practical and experienced agents, so that if any inspection is required, the same can'd
done without delay.

MINING AND RAILWAY OFFICES, No. 3, CASTLE-TERRACE, EXETER.—Mr. JOHN JURY, RAILWAY and MINING SHARE-BROKER, OFFERS his SERVICES to CAPITALISTS in the PURCHASE or SALE of ANY DESCRIPTION OF PROPERTY; and will be happy to point out a selection of such stock as appear the most eligible, from data that can only be arrived at by those who give an undivided attention to the subject.—Every information afforded (either in person or by letter) to capitalists wishing to invest or exchange their securities, and aslee or parchases effected upon the best terms, and at one-half the commission usually charged.

MINING INVESTMENT.—T. FULLER AND CO., No. 51, INING INVESTMENT.—T. FULLER AND CO., No. 51, The INTERADNEEDLE-STREET, LONDON, beg respectfully to inform the public that they are in a position to BUY and SELL in all the DIVIDEND-PAYING MINES, which upon present purchase will pay from 15 to 25 per cent., and have on hand Bedford United, Devem Great Consols, Mary Ann, Trelawny, West Caradon, Great Weal Friendship and Venton, Boringdon Fark, Wheal Catherine, Franco, Zion. Also shares in Wheal Williams—this is a continuation of the Devon Great Consols, and embracing several of the same lodes; also Devon Censols North—this adjoins the latter, which, with £1 paid, are marketable at £300, and paying £48 per annum in dividends.—Every-information given, either personally or by letter.—Office hours from Ten to Four.

REMOVAL—104, Bishopsgate-street-within.

MR. PEET, MINING AGENT AND GENERAL SHARE BROKER, has REMOVED to the ABOVE CONVENIENT OFFICES. The same attention paid as hitherto to all MINING BUSINESS of legitimate character; and in thanking his friends for former commissions, he solicits a continuance of their kind support.—Ownerse of Wheel May, Pentire Glaze and Pentirs United Mines, Devona Consols West, and Wheal Hamlyn.—The strictest confidence observed in all transactions, and the registry of shares will be free, unless a sale or purchase takes place.

MINING INVESTMENTS.—Mr. CREFT, No. 1, ROYAL EXCHANGE BUILDINGS, LONDON, is always open to BUY or SELL (on commission) in DIVIDEND-PAYING MINES, or in the most ELIGIBLE of the YOUNG MINES, and will be happy to furnish all particulars by letter or otherwise.

Mr. CREFT has FOR SALE SHARES in MINES surrounded by Carn Brea, Wheal Buller, and other valuable mines, and under the best management in Cornwall.

N.B.—Carn Brea, £15 paid, are now worth £105; Wheal Buller, £5 paid, are selling at £520 per share.

MINING OFFICES,—ST. MICHAEL'S CHAMBERS,
SALE shares in most of the BEST DIVIDEND MINES, including the following:—
Devon Great Consols
Treviskey and Barrier
Wheal Reeth
South Tolgus
North Pool
South Caradon
West Caradon
Stray Park

MICHAEL'S CHAMBERS,
TRIPP has for bond Adve.
Wheal Tremayne
Wheal Including the following:—
Wheal Tremayne
Treviskey and Barrier
Wheal Tremayne
Tondurrow
Treleigh Consols
Treliane
Tamar Consols
East Pool
Wheal Mary Ann

Wheal Reeth
South Tolgus
North Pool
South Caradon
Wast Garadon
And in others having prese
Great Wh. Baddern
East Wheal Reeth
Bodmin Wheal Mary
Bodmin Consols
Wheal Arfuur
Warleggan

Trehane
Stray Park
and prospective adv.
South Tamar
Wheal Carpenter
Treville
Hennock (lead) Hennock (lead) West Ding-Dong Wheal Tressury

Wheat Mary Ann
eluding
Kingsett and Bedford
Wheat Unity
Hingston Down
Wheat Russell
East Russell
West ditto
Wheat Crebor

FOREIGN. - Copiapo, St. John del Rey, Cobre, Linares, Worthing, &c. MINING, AUCTION, AND GENERAL AGENCY OFFICE Messrs. TREDINNICK & CO. beg to inform their Friends and the Public that the continue to TRANSACT EVERY DESCRIPTION of MINING AGENCY BUSINESS and have ON SALE SHARES in most of the DIVIDEND MINES in CORNWALL DEVON, and WALES, as well as those on the eve of paying, and situate in the base mining districts.—Loans and Money Matters in general negociated: Mines inspected, and reports obtained from practical agents, and every information affecting the market value of mining property afforded gratuitously.

PEGISTRY FOR THE SALE AND PURCHASE
OF MINING SHARES.

DURRANT & CO., MINING SHAREBROKERS, 29, LOMBARD-STREET, LONDON,
Beg to draw the attention of Capitalists to their REGISTRY for the SALE and PURCHASE of SHARES.

Devon Great Consols

Whital Mary Ann
Great Wheal Sheby
Great Wheal Sheby
Great Wheal Sheby
Great Wheal Sheby

MINING EXCHANGE.—At a GENERAL MEETING of the shareholders of the MINING EXCHANGE, held at the Jamaica Coffeehouse, Cornhill, on the 29th July, it was resolved,—

That the Committee de conclude the proposed arrangements for holding the Exchanging in the Hall of Commerce, Threadneedie-street.

That for the present it is not advisable to alter the terms of admission, except to admit of half-yearly subscribers, at the rate of 48 8s. per annum.

THE MEMBERS COMMENCED BUSINESS IN THE HALL OF COMMERCE ON MONDAY, the 4th of August.

MINING PROPERTY.—Mr. HERRON has SHARES in the best DIVIDEND-PAYING MINES FOR SALE, and which will give the purchaser 15 to 20 per cent. for the outlay. Amongst others are the following: purchaser 15 to 20 per cent, for the outlay. Amongst others are the following:

Wheal Tremayno
Wheal Reeth
Wheal Margaret
Botaliack
Bryntail
Bryntail
And has also FOR SALE SHARES in MINES having a PROMISING APPEARANCE, and affording greater range for speculation, such as—
East Baller
East Baller
East Baller
St. Aubyn and Grylls
West Alfred Consols
South Toigus
West Treasury
Tamar Consols
Treasury
Tamar Consols
Treasury
Tamar Consols
Treasury
St. Aubyn and Grylls
Mining Offices, 33, Cloruent's-lane, Lombard-street.

MOLYNEUX & CO., MINE AGENTS, No. 34, THREAD-NEEDLE-STREET, have SHARES ON SALE in DIVIDEND-PAYING and OTHER MINES, which will ensure to CAPITALISTS the safest and most unexception-

nvestment. Offices of the Wheal Langford and Baring United Mining Company, and Trob is Mining Company, No. 34, Threadneedle-street.

MOLYNEUX AND CO., 34, THREADNEEDLE-STREET, have ON SALE SHARES in first-rate DIVIDEND-PAYING MINES. They particularly call attention to some Welsh Mines, paying 230 to 230 per cent., with prospects of increase. Also other mines, holding out a greating of large raturns within short period.—Samples of the ore to be seen at the case.—Sept. 13, 1851.

MINING OFFICES, REDRUTH.—JOHN ROBERT PIKE GENERAL SHAREBROKER (on Commission only), being resident in the cant of the Mining district, POSSESSES great FACILITIES in the DISPOSAL OF or PUI CHASING SHARES, INSPECTING MINES, &c., on the most moderate and honor

MR. GEO. CARNE, DEALER IN STOCKS AND SHARES, 28, THREADNEEDLE-STREET, LONDON.

MESSRS. TREVARTON AND CO., MINING SHARE
DEALERS AND BROKERS,
5, ST. JAMESS-STREET, PALL-MALL, LONDON.

MR. JOHN DAVIES, MINING SHAREBROKER, No. 38, TOWER-BUILDINGS, TOWER-GARDEN, LIVERPOOL.

MR. JOHN PHILLIPS, MINERAL SURVEYOR AND MINE MANAGER, MARGARET-STREET, NORTH ADELAIDE, in the province of SOUTH AUSTRALIA, after three years' residence and two years' exploration in the colony, RESERVES his EXPERIENCE for BRITISH CAPITAL: awaiting the result of this advertisement in a suitable remuneration for past time and future services.

MR. THOMAS JORDAN, METAL BROKER
No. 75, OLD BROAD-STREET, CITY, exclusive AGENT for one of the BEST
MAKERS of HAMMERED IRON, for MARINE, LOCOMOTIVE, and other ENGINES
Also AGENT for the SALE of SOUTH STAFFORDSHIRE and WELSH BAR, BOLZ
and BOILER PLATE IRON, in all its varieties.
The Proprietors of Lead and Copper Mines in Devon, Cornwall, Wales, &c., will and
great advantage in the quality and cheapness of the Iron they require, by seeking quotations through the Advertiser.

MR. ALFRED SENIOR MERRY, DEALER IN COBALT AND NICKEL ORES, AND ASSAYER IN GENERAL.—Address: LEE-CRESCENT, BIRMINGHAM.

MONEY FOR MORTGAGE.—SEVEN THOUSAND POUNDS are ready for approved MORTGAGE, at 3 per cent, and a term of years will be granted to suit the borrower. This 27000 belongs wholly to Mr. Coward, who will not enter on a treaty with any one but a principal for the loan. Mining investments will not be objected to.—Apply either in person, or by letter (free of postage), in John James Coward, Esq., Lansdowno-crescent, Bath.

WANTED—A PRACTICAL PERSON to SUPERINTEND
a SMELTING DEPARTMENT and a COLLIERY, and to KEEP MINING
BOOKS generally. He must have a correct knowledge of dialling, levelling, and planning,
as well as a practical knowledge of machinery and mining in general.—Apply to ir.
Edward Dickin, White Grit Lead Mines, near Shrewsbury.—None need apply whose character will not bear the strictest investigation.—Sept. 2, 1851.

STEAM-ENGINE FOR SALE,—A new HIGH-PRESSURE,
PORTABLE BEAM ENGINE, from 25 to 30-horse power, fitted up in a superior
manner.—For particulars apply by letter, free, addressed to "Engine," Mr. Descons
No. 3, Walbrook, London.

TO RAILWAY COMPANIES AND ENGINEERS.—
A very Superior and Cheap Passenger engine for sale.
Apply to Mr. Chas. Ritchie, 4, Retreat Certages (near the Railway Station); Hackney.
N.B.—By Ritchie's Patent a saving is obtained of at least 30 per cent, as regards cost and keep of locomotive engines—there is also a saving of the rails and fuel; but their chief claim and advantage is the safety and comfort of railway travellers, and these are obtained through strength of construction, freedom from oscillation, and other peculiarities.—Ample references.—Engines on Licouses.

which is years are unexpired, of a BARYTES MINE, on the coast of the SOI was presented by the solution of the SOI was presented by a level on the side of a bill, and admins of another level been driven below the present one, from 25 to 30 fathoms deeper, and taken up of the vein. The WORKS belonging to it, with the PLANT, are also TO BE DISPOSE OF, with or without the mine.—For particulars apply to Capt. Wm. Jeffrey, Driggit Mine, Caldbeck, Cumberland.

Capt. Jeffrey has also TO DISPOSE OF a powerful CRUSHING-MILL, with two set of rollers, fitted up complete, which will be sold at a reasonable rate, having no further use for it. O BARYTES MAKERS .- TO BE SOLD, the LEASE, of

TIN-PLATES.—An Established METAL AGENT in GLASGOW, having an excellent connection, is at present OPEN to undertake a COMMISSION from a MANUFACTURER for the SALE of TIN-PLATES. The Advertiser can refer to the leading iron firms in England, Wales, and Scotland.

Address "Tin-plates," at the office of the Mining Journal, 26, Floet-street, London.

REAT WHEAL TONKIN.—FOR SALE, as a Bargain, ONE HUNDRED and EIGHTY (1094ths) PARTS, or SHARRS, in that valuable MINE called GREAT WHEAL TONKIN, in the parish of CALLINGTON. The sett is very extensive, nearly a mile wide and two in length.—Apply to Mr. Beynolds, No. 23, Threadneedle-street, London.—Price per share, £1.

WHEAL CHARLES.—TENDERS will be RECEIVED by Mr. HENRY HOCKEN, of Reawla, GWINEAR, up to Saturday, the 27th inster the DISPOSAL of the above MINE, in the aforesaid parish of Gwinear, together with the MATERIALS thereto belonging.—Any information respecting the same may be held for the Henry Hocken, Reawla, Gwinear.—Dated Sept. 1, 1881.

GREAT POLGOOTH MINE.—Notice is hereby given, a MEETING of the proprietors, for the general purposes of the Company, a MEETING of the proprietors, for the general purposes of the Company HeLD at the London Tavern, Bishopsgate-street, on Wednesday, the 17th im Treviev o'clock precisely, when a statement of the first three months operates nareholders. se, Old Broad-street, Sept. 5, 1851.

AMAR SILVER-LEAD MINING COMPANY.—Notice hereby given, that the ANNUAL GENERAL MEETING of the shareholders is Company will be HEED at this office on Monday, the 6th day of October next, nece o'clock precisely.—Salvador-house, London, August 28, 1851.

JNION TIN SMELTING COMPANY.—A given, that the HALF YEARLY GENERAL MEETING will otnesday, the 8th day of October next, at Two October practically, accounts and the Company's affairs will be sujmitted. F. WA Stirnfor-house, London, August 27, 1861.

SUBSTITUTION OF CAST-IRON FOR WOODEN SLEEPERS.

ded from last week's Mining Jos

An experiment has been in operation for more than five year aupon the Versailles Railway (rive gauche) on a curve of 800 yard radius, a gradient of 1 in 250—and upwards of 100 yards in length. Another has been made upon the western line, Viroflay and Versailles, including two curves of 700 or 800 yards radius, on a gradient of 1 in 100. The length is about a mile and a half. Over both these sections of iron-road the traffic has been very considerable and increases.

Is about a mile and a half. Overboth these sections of iron-road the traffic has been very considerable and incessant.

At Mendon, upwards of 25,000 trains have passed without producing any visible effect upon either chairs or sleepers. In order to establish a comparison between the iron and wooden roads, at Viroflay the iron sleepers have been laid on a parallel line alongside with the best selected specimens of oak, of the largest size, and the two lines have been carefully kept in the same condition, by the same men, and have sustained the same trains and traffic. The cost of sustaining the road is nearly one-third less upon the iron line. The public authorities and chief engineers have watched these interesting experiments with the utmost vigilance, and have published reports upon them, from time to time, expressing in the strongest terms their unqualified approbation.

In England, it appears 38 miles of iron-road have been laid down on

published reports upon them, from time to time, expressing in the strongesterms their unqualified approbation.

In England, it appears 38 miles of iron-road have been laid down on the Ashford and Hastings line; and on the Greenwich, Gravesend, and Rochester, and the main line and branches above five miles; the description of sleeper permanently used is the half-sleeper, bolted together, by which the use of the wooden key is avoided, and the cost of maintenance reduced. The original cost, however, is 200l, per mile more than where the wooden key is used. The report of the engineer of the Ashford and Hastings line is very satisfactory; stating that the road stands well, that no sleepers have been broken, and that the cost of laying is less than that of an ordinary sleeper road. Upon the Midland and South Eastern Railways there has been laid down one mile and a quarter of the construction with a wooden key, described in experiment 3, showing that a reduced weight of wooden key, described in experiment 3, showing that a reduced weight of iron may be used; the joint sleepers on the Midland Railway being 187 lbs. weight; yet with this lightness of metal not a single case of breakage has occurred, although the heaviest traffic of the line passes over them at full speed. This gives a weight of 258 tons per double mile, for seven chairs in a 15 ft. length of rail, or two more supports in a length than are given in an ordinary sleeper road. The cost of a double mile of line with 200 km is will be acknown to the with the cost of a double mile of line with 200 km; will be acknown the will difference of weight to under 2600.

iron may be used; the joint steepers on the Adultanu Animalo case of breakage has occurred, although the heaviest traffic of the line passes over them at full speed. This gives a weight of 255 tons per double mile, for seven chairs in a 15 ft. length of rail, or two more supports in a length than are given in an ordinary sleoper road. The cost of a double mile of line with a 70th, rail will be reduced, by this difference of weight, to under 26004. Der mile for a double line. If the form, to avoid the use of the wooden keys, is adopted, the weight of cast-iron is increased about 35 tons per mile, but the cost of maintenance will be thereby reduced.

We have now briefly exhibited the facts of the case. Much, of course, remains to be accomplished. It is a great point, however, both to perceive clearly our false position, and to got a move in the right direction. Let us sum up, then, the conclusion at which we have arrived. The importance of the question at issue will justify the tediousness of repetition. We conclude, then, that the objections to the wooden substructure are so many and serious, that sooner or later some other material must be adopted in all cases of renewal; that wooden sleepers, from the very nature of their material, and from their position under the surface, being exposed to the damp and drainage of the line, rapidly decay, and require frequent renewal, involving liereby both expense and derangement upon the line; flat the use of wood does not, as was erroneously assumed, diminish the severity of the blows of the engine, by combining the rigidity of the iron rail and chair with a soft yielding clastic substructure. On the contrary, the perpetual hammering of the chairs on the soft wood drainish the severity of the order of the parts, and the soft wood drainish the severity of the order of the parts, and the condition, which is harmless to the rail. That the present system is composed of too many pieces, in the series of the parts, combined whereas it is highly important, and, indeed, quite obvi

STRAM-CARRIAGES ON COMMON ROADS.—Before a railway locomotive ever ran, we happened to have the opportunity of riding on a steam-carriage made for common roads. At that time all the chance was in favour of the latter; and as for the former, they were looked upon as such doubtful subjects that it was boldly maintained by many that they would not run at all, and that the wheels would merely go round on the rail, without carrying forward the machine. Now it is common road steam-carriages that are looked on as not very when merely go round on the rail, without carrying inwant undersoline. Now it is common road steam-carriages that are looked on as not very hopeful subjects. Yet had not the locomotive of the rail gone a-head, and its doing so "stopped the way" of the steam-carriage, it is hard to say what might have been the result. There might have been by this time, no such thing in existence either as a dog-cart or a donkey, an omnibus or a cab. At least, we might have now, perhaps, been riding in our own proper steam-gig on "ber Majesty's highway" open to all, in place of running in grooves, which can no longer lay efficient claim to that ancient British title. Taropikes, however, are looking up. The fifty-six passenger omnibus, be it remembered. has dared to compete with even the iron horse and his winding rattle-snake train. But more than that, the cause of the common road steam-carriage is not even yet deemed desperate,—as, we are pleased to find, through the aid of the Mayor of Bath and several influential members of the corporation and others, that an experimental carriage will, in a few days, be commenced in Bath, and is expected to be completed for trial in six or eight weeks.

AMPUTATION AGAIN PREVENTED BY HOLLOWAY'S OIXTMENT AND PILLS.

sath, and is expected to be completed for trial in aix or eight weeks.

AMPUTATION AGAIN PREVENTED BY HOLLOWAY'S CINTMENT AND PILLS.

-Extract of a letter from Mr. S. Smith, 69, Capet-street, Dublin, dated March 12, 1850:

-To Professor Holloway. Dear Sir: I think it only my duty to inform you and the sable of the wonderful cure your olasment and pills have effected on me. For three ears I had a dreadful wound in my leg. I tried all the most eminent of the faculty in this city, but to no purpose; they informed me that nothing could save my life but amutation. I was then advised by a celebrated doctor to use your remedies, which, in a prief period, have healed my leg, and made it as strong as it formerly was.—Sold by all truggists, and at Professor Holloway's establishment, 244, Strand, London.

ELECTRO-MAGNETISM AS A MOTIVE-POWER.

We have now for some years had to notice the progress of electro-mag-netism applied as a power for propelling machinery; and although, to a certain extent, some of its most personning machinery; and attacing to a circally successful, the great desideratum, unlimited power, with less cost than steam or other motive forces, has not been yet attained. Jacobi, Davison, Hjorth, and others in England, and Professor Page in America, have all proved the perfect practicability of the application of this principle as a motive-power—the point yet to render it complete being its economy; and from an announcement in our advertising columns of this day, it will be seen that Mr. F. S. Beatty, of Dublin, is so satisfied that he has solved the great problem, that he propages the formation of a "British Electric." be seen that Mr. F. S. Beatty, of Dublin, is so satisfied that he has solved the great problem, that he proposes the formation of a "British Electric-Power Company," to work the patents under which he has secured his inventions. From the necessary time for specification not having yet expired, we are unable to give any description of the plans adopted; but we are informed that, by the introduction of certain principles, which have hitherto been overlooked, or, at all events, not adopted, the inventor has succeeded in removing the obstacles which have in all former attempts prevented the full and effective application of this power. We shall wait with some anxiety the annunciation of the means adopted by the patentee, as in space and safety we have no doubt of its superiority—the great question being power and corresponding economy.

in space and safety we have no doubt of its superiority—the great question being power and corresponding economy.

M. Aristides Dumout, engineer of the Ponts et Chaussées, has also been making some comparative experiments with electro-magnetic engines, for the Paris Academy of Sciences. The first was on a fly-wheel of castiron, mounted on a wooden frame, and supplied on its circumference with 26 plates of soft iron, with wooden ones placed between them, to protect the periphery from the action of the magnetism. The current was sent successively to the electro-magnets by an electro-distributor, or ordinary commutator, placed on the axle of the machine. The other machine had a direct movement, consisting simply of an electro-magnet and its armature; the magnetic attraction operated on this without decomposition or loss, but the fly-wheel gave an immediate rotary movement without any intermediary machine. The development of power by the wheel was 0.20 of a kilogrametre, or 7½ grammes of zinc per hour, and 16 elements were employed, which gave a power of 0.71, and consumed 10.70 grammes per hour. The author deduces from these experiments that although electromagnetism cannot compete with steam, small power machines might be usefully turned to account in many trades, and for numerous mechanical operations where moderate forces only are required.

magnetism cannot compete with steam, small power inactures migned usefully turned to account in many trades, and for numerous mechanical operations where moderate forces only are required.

ELECTRO-MAGNETIC AND MAGNETO-ELECTRIC APPARATUS.—Mr. W. Millward, of Birmingham, has just specified his patent, which consists—I. Of an improved method of charging or magnetising iron and steel bars to be used as permanent magnets or electro-magnets.—2. Of certain new forms of electromagnetic machines. The first branch of the improvements is carried into effect by the employment of an electro-magnet may be very advantageously used for magnetising large bars of steel, or for producing very powerful magnets. Any of the known forms of magneto-electric machine, instead of that generated in a voltatio battery; and such an electro-magnet may be very advantageously used for magnetising large bars of steel, or for producing very powerful magnets. Any of the known forms of magneto-electric machine will serve thus to convert a bar of steel to an electro-magnet, but the patentee prefers to use one composed of four, eight, or any other number of permanent magnets, having double the number of armatures, and coiled with strong wire of about 60 feet in length. The machine about to be described has been found to answer well in practice. In this machine, the steel magnets are composed of eight plates of a U form, weighing about 30 lbs. each plate, and ther are eight such compound magnets, all the north poles of which are arranged on one side of the machine and the south poles on the other side, although this precise arrangement is not essential, and may be varied. The armatures are of soft iron, weighing about 15 lbs., and are coiled with about 60 ft. of copper wire, of No. 4 gauge, and insulated in the usual manner. The armatures revolve in a brass wheel, and are caused to pass as near to the poles of the magnets at the same instant, so that the current of electricity shall always pass in one direction, and the surfaces of the whole of the

some driving machinery. The commutator of break-piece, is composed of a brass centre, with four radial arms of soft iron, either solid or formed of two or more plates.

Consolidated Annuity Endowment Society was established, through the exertions of Lieut. George Walter, R.M., for the purpose of enabling persons whose incomes terminated with their lives to secure annuities to their survivors. This institution has now a capital of 250,0002, with 3000 insurers, and 400 widows and orphans receiving annuities, and has ceased to receive any further accession of members. The experience and successful results of this society have, therefore, suggested to Mr. Walter the desirability of extending its usefulness, by the formation of another institution under the above title. To the clergy, in particular, it is proposed to offer the benefits of the society on a highly liberal scale, the principal features of which are the securing annuities to surviving males to the age of 21, widows and female nominess while they remain unmarried, and the admission of females to subscribe and to nominate their children. To persons in trade, the society holds out peculiar inducements, as the annuity cannot be sold or lost under any contingency, so long as the rules of the society are observed. It appears, from the tables in the prospectus, that this society will secure to the nominees of its members an amount of annuity in proportion to the premiums, which no other institution can pretend to pay. This will be principally effected by adopting a plan introduced into the management of the Indian fund by the late Lord Clive, and also of a society established in Berlin a century ago—of suspending the annuities of female nominees during marriage, to be restored should they become widows, and thus by making the payment of the annuity contingent upon remaining single, as well as on survivorship, the society is enabled to effect considerably increased general benefit. Annuities may be secuped for life to male idiots, or cripples, on payment of adi

house, and 100t per annum, for the remainder of their lives.

How to obtain Good Coffee.—Much has lately been said and written, and we fear, with too much truth, of the adulteration of coffee, and the difficulty of obtaining a good oup of this exhilirating, yet uninebriating beverage. Our neighbours across the channel have long been famous for obtaining the pure aroma of this fragrant beery, and we see no reason why our English housewives and cooks should not be able to do the same. Having recently been invited to judge for ourselves of coffee, as prepared by the French Coffee and Chocolata Company, New Oxford Street, we have been somewhat initiated into the matter, and a finer cup of the extract we cartainly never tasted. The great secret appears to be in the selection, and mixing of three or four sorts, no single species of burry being good by itself, and in the roasting; and from a coffee thus obtained any person may produce an extract equal to that so much boasted of in Paris. I should not be boiled, but boiling water filtered through the ground powder, when a rich claret-coloured extract is obtained, containing all the aroma, and a fragrance which cannot be secured by any other means. From the establishment above mentioned, families are supplied with the best coffees, whole or ground, and there is a refreshment-room where it may be had on the premises.

CREEVELEA IRON, COAL, COKE, AND PEAT-CHARCOAL COMPANY.

This property, extending over an area of upwards of 3000 acres, is situated in the heart of the well-known district of the Upper Shannon and Lough Allen: it abounds in iron ore, coal, and peat, and presents probably as fine a field for the profitable and legitimate employment of capital as is to be found in the Sister Island. The peculiar advantages which naturally attach to this property the description of the peculiar advantages which naturally attach to this property the description of the peculiar advantages which naturally attach to this property that the peculiar advantages which naturally attach to this property that the peculiar advantages which naturally attach to this property that the peculiar advantages which naturally attach to the peculiar advantages which naturally attac the profitable and legitimate employment of capital as is to be found in the profitable and legitimate employment of capital as is to be found in the Sister Island. The peculiar advantages which naturally attach to this property are the richness of the iron ore, its proximity to abundance of excellent fuel, a constant and enormous supply of water-power for working machinery, and the facilities of water carriage by the Shamon, now rendered navigable to the extent of 250 miles, passing through 10 counties, and communicating with the port of Sligo, thus opening up a free communication by the Atlantic with America, and by Dublin with the English markets. Mr. William Bedlington, who has been lately employed to survey the estate, has forwarded the following independent report, founded on personal observation:—

Coal.—Upon examining the stratification, I found it necessary to sink a pit, for the purpose of ascertaining the thickness and quality of the coal under this property; I, therefore, elected a position, and I fully expect that in the course of a fortnight these points will be proved. Until this is done, fean only further add that the area of the coal-ided is 500 acres, forming the crown of the hill, and bounded on the east by Killoman. In order to provide for any desciency that may arise with regard to the coal under the vein 18 in. thick, and of good quality for smelting purposes; I, therefore, advised the company to negociate for the possession of this colliery, which can be obtained on very moderate terms. This coal can be delivered at the cupola for 5s. 6d. per ton.

Peat.—In awa carefully examined the extent and quality of this fuel, and feel no heaitation in saying that no part of Ireland produces peat better qualified for smelting. With regard to quantity, there is an ample supply for upwards of 100 years. It will require a compressing machine to render it sufficiently dense to carry the burthen of materials necessary in the smelting process. The patentes at the cupola is the supplemental of a su

meter and 5 ft. wide. The position solected admits or an oversnot water of much greater diameter than this, if necessary.

The distance of the cupola from the north end of Lough Allen is not more than three miles and a half, a connection with which can be effected at a very triffing cost, there being a public road most part of the way; this would open a communication with all the districts bordering the Shannon, which, together with the quality of the iron, would place he company above competition. The expense of manufacture will diminish in proportion to the increase of the make of pig-tron.

tion to the increase of the make of pig-iron.

The riches of the Lough Allen district are highly spoken of by Sir R. Kane in his Industrial Resources of Ireland, the eminent geologist Mr. Griffiths, Mr. Vignoles, and other competent men'whose professional duties have led them to visit these mineral districts. The coal is described as being bituminous, excellent for domestic purposes, free from sulphur, and for smelting iron the best in the empire. The clay iron ores of the Arigna Mountain (or Slieve Neeran) are too well known to need further detailing here; we may merely state that six samples, sent to Mr. John Mitchell for assay, produced from 41 to 50 per cent. of pure metal. Of the peat there is an inexhaustible supply of the very finest description; and, from the recent extensive improvements which have taken place in the production of peat charcoal, promises to form a profitable feature in this valuable property. Upon the whole, a finer extent of mineral land does not exist on which a large amount of labour may be secured to the population, which, by judicious management, may be rendered conducive to a handsome return for the capital invested.

CALLINGTON MINES COMPANY.

The quarterly general meeting of shareholders was held at the offices, Salvador-house, Bishopsgate-street, on Wednesday last, the 10th inst.,

PETER STAINSBY, Esq., in the chair,

The quarterly general meeting of shareholders was held at the offices, Salvador-house, Bishopsgate-street, on Wednesday last, the 10th inst.,

**Peter Stansswip, Eag., in the chair,

After the usual preliminaries, the following report was read:—

The directors, agreeably to the rules, have called this meeting to submit the account for three months ending with the month of Jane last—a copy of which has been sent to each shareholder, and was published in the **Aiming Journal* on the 30th Aug.** Two reports will also be read—one from Mr. Johnson, in which he expresses his expectation that the shaft at Kelly Bray will be communicated with the 70 fm. level about the middle of next month, when not only much copper or will be stoped to advantage, but more ground on the copper lode will soon afterwards be made available; that the lead lode presents every indication of keeping up the samplings, until the mine is rendered more productive at Kelly Bray, as well the lead lode itself, when the count-house shaft will have been communicated with the 125 fm. level, approaching it from the north and south shaft respectively. The works generally have been considerably extended; and Mr. Johnson bears testimony to their getting into more regular and extended operation; and when these two shafts are completed, no doubt larger roturns will be made, and probably at less monthly cost than at present. The report of Capt. Lean, of a more recent date, is, apon the whole, confirmatory of that of Mr. Johnson. He states that the 135, which is the deepest level at present in the mine, is so satisfactory that be is anxious to sink the shaft to a deeper level—any to the 105 that when the 125 fm. level north and south are consuminated with the count-house shaft, a large and valuable plees of ground with the count house shaft, a large and valuable plees of ground with a superior of the present superior of capt. W. Lean, was then read:

Cality given for extanding the 70 fm. level, more particularly into the granito.

The following report, fro

pper ores, computed at about by tous.

Mr. H. S. Hammond observed that the continued workings for lead were entitled as every great monthly expenditure, and seemingly to little benefit; all

Mr. H. S. HAMMOND observed that the continued workings for least monthly expenditure, and seemingly to little benefit; all was prospective, and a long time would clapse before any result could possibly be arrived at.

The CHAILMAN explained that until the Count-house shaft was holed to the 125 fm. level south all the lead from that level that could be brought to market was merely that broken by the tutworkmen driving the end, which yielded 5 cuts. of ore per fm. As soon as the communication was effected there would be 80 fms. of good orey ground on both sides to beat away by tributers. The shaft is down within 10 fathoms, but cannot be sunk at present on account of water, nor is it certain of being drained until the levels approach nearer to it; it may take four months to accomplish this. They would then have a best of the shaft is down within the above 150 fms.long; until then the expenditure would be much as for the last three months.

Mr. HAMMOND remarked that Mr. Johnson's estimate was, that 100L pst month would be about the average cost; the accounts now proved it to be \$40L loss for the quarter.

Mr. Johns Field (one of the directors) said, that he had been led to calculate on larger returns of lead than the present sales, which left a deficiency of 840L as stated by the preceding speaker.

The CHAIRMAN accounted for this by again showing that a considerable extra outlay was and would occur until the communication before alluded to, with the account-house shaft, was completed; only one-fifteenth part of the lead could possibly be returned; the remainder would hereafter be available

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by means of tributers; the sales would then increase, with a reasonable expectation that the expenditure would be lessened.

Mr. BIRDSEN looked more to Kelly Bray and the copper returns; they were progressing favourably, increasing the quantity of ore, and he expected it would one day be a first-rate copper mine.

The CHAIRMAN entertained a high opinion of its value and prospects. In a month's time the shaft was expected to be down to the 70, when double the quantity of copper ore might be extracted, and leave a good profit; this would be ascertained correctly against the next quarterly meeting.

Mr. FIELD could easily perceive they were now gradually arriving towards a period when the mine would be in a more effectual state of operations; they had overworked the lead portion of it five years ago, whereby it had got out of good working condition, and it took much time and expense to bring it round again.

of good working condition, and it took much the analysis of good working condition, and it took much the analysis.

The Chairman admitted the correctness of this observation; the north shaft ought at that period to have been set about. By the time the next meeting would be held, he anticipated the water would be drained, so as to resume sinking, and likewise be enabled more clearly to form a calculation of the probable results, both as to lead and copper: he would, therefore, propose that the reports and accounts now read be received, adopted, and entered on the company's cost and transfer books—which was carried unanimously.

Mr. JOHN FIELD proposed, that the thanks of the shareholders be presented to the chairman for his conduct in the chair, which being carried unanimously, and the chairman expressing his thanks, the meeting terminated.

ANGLO-CALIFORNIAN GOLD MINING COMPANY.

ANGLO-CALIFORNIAN GOLD MINING COMPANY.

Pursuant to advertisement, a meeting of the shareholders in this company was held on Thursday, the 11th inst, at the Freemason's Tavern, Great Queenstreet. Previous to the commencement of business, Mr. Massax Dawson, one of the directors, observed, that as they (the directors) were met there to refute the allegations against them in Mr. Luke Williams's closely-printed pamphlet of 15 pages, it would be conceived to be more satisfactory to them, as well as to the directors, if one of their own body was elected as chairman, to control the proceedings of the meeting. After a desultory conversation,

Mr. Hincks, of Birmingham, was unanimously voted to the chair.

The Chairman then read the notice convening the meeting, and stated it was with great diffidence he undertook the position in which they had been pleased to piace him. Mr. Williams's pamphlet was in their hands, as well as that of his opponents; he would beg them to view the case calmly and dispassionately, and keep to the objects of the meeting, and abstain, as far as possible, from all extraneous matter.

Mr. Massaw Dawson said that the directors courted inquiry. Since he and his friends had joined in June, 1836, there was no transaction that they wished to be kept secret, or from the knowledge of the shareholders: their conduct had been all fair and above-board. They wished a complete registration of the company; and the reason why no public meeting had been called was this—that while there was no perfect registration the company was not formed, and they were solely liable. They had advertised in the papers; they had sent a notice to Mr. Williams that they intended to be here; if he knew himself innocent, why did he not come forward? This was no hole-and-corner meeting; what they said here would go forward to the world, not through their instrumentality, but that of the gentlemen of the London press, several of whom he saw in the room. Mr. Luke Williams had been will be a subjection of his character; they had heard

in in aiding us to augment the finances, and blind some of the cunning people as to the real state of affairs."

He would ask them what confidence they could have in a person who had acted in this manuer? Sir Cavendish Rumbold, their colleague, was absent on account of illness. Why did not Mr. Williams appear when he had declared the directors were afraid to meet the scripholders? The real question they had to consider was the signing of the deed. The object of the meeting was to have the consent of the shareholders to their signature of a second deed. The provisional directors could not enforce signatures; but it was their duty to submit it to the shareholders. Mr. Shotton, from Lincoln, expressed his satisfaction, and that of all parties in his district who had signed the deed. The statement made by Mr. Dawson, in his opinion, was to the point.

The Chalraman stated that at Birmingham a general feeling was in favour with the directors; 91 out of 93 had signed the deed. This was previous to the circulation of Luke Williams's pamphlet; they had since then increased their stake. He recommended parties to sign the deed, and having examined the accounts, to resuscitate the concern. The mode of doing business in Birmingham, was to pay down or out.

secommended parties to sign the deed, and having examined the accounts, to resuscitate the concern. The mode of doing business in Birmingham, was to pay down or cut.

Mr. Cortragle.: The present liabilities are only the solicitor's bill for the deed—that owing to the late solicitor did not amount to 500%. Their present solicitor's bill was not 100%, but this would not be demanded unless they had funds to pay it. Although dividends had been promised they could have none, until they were completely registered.

A. Sharsholden inquired the extent of the sett which they had in California. Mr. Cortragle. Should decline answering this question.

Mr. Dawson considered that caution should be observed at this present moment, as Mr. Luke Williams might have his agents present; or there, perhaps, were parties who were connected with a rival company. Those who were fearful of signing the deed he would counsel to take legal advice.

A Sharsholden stated he appeared on behalf of a lady who had taken shares to a considerable amount at 10s., and others had only paid 6d.

Mr. Dawson could not now answer this question; what had been done previous to their entering the direction he was not cognisant of.

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A SHARRHOLDEN inquired if there was any liability beyond the 10s. per alare?—The Chalban and the deed the meeting. (Oh, oh!)

A SHARRHOLDEN inquired if there was any liability beyond the 10s. per alare?—The Chalban and persent was any liability beyond the 10s. per alare?—The Chalban and persent was any liability by on the 10s. per alare?—The Chalban and the deed was about 40 foliois in length.

Mr. COTTRELL said this would be a great expense. There were 200 sharcholders dispersed in several parts of the kingdom. The deed was about 400 foliois in length. After this

LEE MOOR PORCELAIN CLAY COMPANY.

In the Mining Journal of last week we referred to the formation of this company, and we are glad to hear that a disposition is evinced by capitalists company, and we are glad to hear that a disposition is evinced by capitalists to investigate the merits of the fine property which has come into the company's possession, and which on inspection will, we have no doubt, be daly appreciated. Professor Austed estimates that the whole of the valley, in which excavations for china-clay have been hitherto carried on, is composed of the same material as that already laid open; this has been rendered tolerably certain by numerous trial pits, some of them to a depth of many fathoms; and instead of there being any chance of the clay changing as the work advances, he expects the proportion of the finest kind would increase in the lower part of the deposit. There may be considered at least 1,000,000 tons of decomposed granite ach 10 acres of surface 10 yards deep; of which, two-fiths, or 400,000 tons, are available china-clay; and as the total average is many times that as-

in each 10 acres of surface 10 yards deep; of which, two-fifths, or 400,000 tons, are available china-clay; and as the total average is many times that assumed as a standard, and the depth, generally, three or four times as great, the whole available supply may be considered inexhaustible.

China-clay, or kao-lin, is a compound generally of silica (say) 63, alumina 20, lime 3, potash 13, and oxide of iron 1 = 100. It is known by the mineralogist as felspar, obtained from the decomposition of granite by atmospheric influences, and is one of the most abundant minerals in nature, forming fully two-thirds of the masses of granite and gneiss, two of the most widely distributed and oldest of the rocks, and in porphyritic granites it appears in fine darge granular concretions. It is not confined to the primitive rocks, but occurs abundantly in transition mountains, and in sandstones, greenstone, clinkstone, porphyry, and basalt. The late Richard Phillips, Esq., of the Museum of Economic Geology, found the Morley felspar to differ in analysis from that given above, and much more fit for the potter's use. He found one sample to give ally silica 45:30, alumina 63, maguesia '71, water '99 = 100; and another cally silica 46:30, alumina 63, maguesia '17, water '99 = 100; and another silica 50:65, alumina 48:85, maguesia 0:87, loss 0:18, being free from an alkali, and presented only a trace of iron. Fire-bricks may be made from this clay in its natural state without washing, which stand a greater heat than the famed Stourbridge bricks in the black bottle glass furnaces.

THAMES TUNNEL COMPANY.

Through the Tunnel in the week ending Sept. 6 was 43,994. Amount of money, £183 6s. 2d.

Original Correspondence.

PROPOSED ASSOCIATION OF MINING ADVENTURERS.

Sir.—It will be obvious to every one who has considered the subject, that a Mining Exchange can never be established on the system now on trial at the Hall of Commerce. A Mining Exchange, to be what its name imports, a place where all recognised mine shares can be at any time bought and sold at the current prices of the day, as stocks and railway shares are on the Stock Exchange, must be composed of members of two kinds—mine brokers and mine jobbers; the one having legitimate business to do for their clients, and the other, the jobbers, being always ready to purchase on having the turn of the market in their favour, and, consequently, to soll on the same terms. In this manner is the business of the Stock Exchange conducted. Two things, therefore, are essential to the establishment of a Mining Exchange. First, a recognised list of mine shares, in which the members will deal on the terms mentioned; and, in the next place, men of large capital as jobbers, ready to take mine shares as any other stock is taken. Until these desiderata are exhibited, I have not the slightest hope of the success of any scheme for developing a sound and permanent Mining Exchange. It would be, on my part, only a waste of time to adduce evidence of the utter inabilty of the present system to meet these requirements. If a Mining Exchange—that is, an association of dealers in mining shares—be deemed indispensable to the full development of this thriving and most important national interest, then the Stock Exchange alone can furnish the proper materials for its construction; and to this it must come at last. But, whether this result be realised or not, there is a very important, in fact the most important, class, whose interest has hitherto been overlooked in these preliminary arrangements, or which has only been made subservient to others, and that class should now unite for purposes of mutual defence and protection—I mean the mining adventurers, the holders of mining shares, between whom at present there seems no bond of union, although their interests are identical; and too often they become the prey of the dishonest and the ignorant. To protect mine adventurers, to facilitate mining enterprise, to obtain accurate and authenticated reports, to bring together where all recognised mine shares can be at any time bought and sold at the current prices of the day, as stocks and railway shares are on the Stock Ex-

THE MINING EXCHANGE.

THE MINING EXCHANGE.

Sir.—I had hoped that the formation of this institution would have more effectually protected adventurers than has hitherto been perceived, or sensibly felt. I am aware that it has not yet had time to mature itself so energetically and ably as its promoters would desire. At present, if shares are sold by private parties, a commission is required; the agents or brokers demand the same, and request the seller to execute blank transfers, so that he is ignorant in whose bands his shares may fall, or what price has been obtained for them. That it is necessary there should be brokers and dealers I admit; if acting in both capacities, they ought to be excluded from the Mining Exchange. To effect this the system of blunk transfers should be abolished, and persons taking advantage of them forfeit their membership. Trusting the attention of the Committee of the Mining Exchange will be drawn to this important fact, I sign myself—A Sufferer by The System: Sept. 10.

MINING DIVIDENDS AND CALLS.

mittee of the Mining Exchange will be drawn to this important fact, I sign myself—A SUPPERICE BY THE SYSTEM: Sept. 10.

MINING DIVIDENDS AND CALLS.

Sirs,—The amount of dividends and calls for August are much the same in amount as for June—deducting Wicklow, which is for the half-year, August dividends and calls for August are much the same in amount as for June—deducting Wicklow, which is for the half-year, August dividends, under the half-year, August dividends, under the half-year, August dividends, to the post of different class of men to those who are the fortunate recepents of the dividends, it is by no means so awafu a list as that calls, amounting, and enserved in my letter of the 4th August, to no less an amount than 22,429, 8s. in 32 mines, the greater part of which had not sold a ton of ore, many of them in debt to merchants who will doubtless have to put these shareholders who have not responded to former calls into the Vice-Warden's or County Courts for the recovery of their claims, as exemplified a fortnight ago by West United Hills, Tolcarne, and several other concerns in a similar predictament. I would here again call the attention of all parties interested in either of the 25 mines specified, who find they arrived motives, meant to act as a warning signal to those who choose to see there way clearly henceforward, and having gone into the mire may not choose to wated through the mud and get out of their depth, but prudently turn back before it is too late to attempt doing so. "Sell and repent." is proved too frequently to be wholesome advice in commercial as well as every-day matters of business—in mining it is particularly so. From long experience 1 am enabled to state that the mud and get out of their depth, but prudently turn back before it is too late to attempt doing so. "Sell and repent." is proved too frequently to be wholesome advice in commercial as well as every-day matters of business—in mining it is particularly so. From long experience 1 am enabled to state that the provention of th

able shareholder protected, that I am induced now and then to use my pen in this way. Mining, judiciously selected and honourably conducted, offers one of the safest and surest modes of investment; and it behaves all who can expose a chart showing the rocks and quicksands that lay in the roads to safety, to set up a lighthouse to guard the unwary. In my humble way I shall continue to attempt this.—Argus (of Truro): Sept. 9.

THE BRITISH MUTUAL GOLD MINING COMPANY

THE BRITISH MUTUAL GOLD MINING COMPANY.

Sire,—A letter, signed "K." (Loughborough), appeared in your last Journal, which, as it casts very unmerited aspersions on the board of the company that I represent, I am ealled to make some brief, though reluctant remarks. It appears that "K." imputes to the board of the British Mutual, or some of its members, the origination of certain articles which, from time to time, have found their way into the Mining Journal. Those articles he complains of as unfriendly attacks on the Anglo-Californian Company; and he winds up with a threat of recrimination, &c. Now. Sir, permit me to assure you, your correspondent, "K.," and the public, that those mistaken allusions have caused every member of the British Mutual board much concern. There cannot exist, nor does there, any feeling but one of friendship towards the gentlemen now composing the Anglo-Californian board, nor any wish but for their success. There is ample scope for many companies, and for the energy and capital of much greater enterprises than 10 times what both companies can command in the wide and exhaustless gold-fields of California. As to the operations of any rival company, we have no means of knowing more than the public, or what the public press communicates; and we not man the understanding the unwillingness of the English people to confide so far in proven facts as to support the best founded scheme of practical adventure there.

We wish every company all the success they can desire; for the better they succeed, the better for us. As to the opposition of opinions in boards, perhaps no council ever concluded its office without more or less; but one thing is certain, that all parties, whether English or foreign, who have carried out any enterprise in California (and it is yet in an infant state) have been successful. England is the only country that has not acted in concert in these new fields of fortune, which, like the Nicaraguan universal highway, are left to American courage and address.

I trust that this a

Sir.,—Being assured by the British Gold Mining Company that none of the unfair remarks which have at different times appeared in your Journal, relative to the Anglo-Californian Company, have in any way proceeded from persons connected with their institution, it is my wish to withdraw whatever that institution may consider of an offensive nature which is contained in my letter of the 2d inst.

COOK'S KITCHEN MINE.

SIR,—From a report given at the account held at the above mine on the 20th August, respecting the loss for the past two months, and a reason for that loss, and an allusion again made to the same subject in your Journal of the 6th inst., I think, for the information of the adventurers of the mine, a few facts ought to be stated. It was said in the report that the loss was occasioned by the Deleoath agents having taken a stream of water that had been running over Cook's Kitchen stamps. Well, be it so; the question is what quantity of water was taken, and for how long a time? Now, the stream will work one head only with a 15-ft. fall; if they have a 75-ft. fall it will work five heads, which will stamp out 20 tons of tinstuff in a week. If the water ran into Deleoath for 10 days or a fortnight (say the latter), then the said water would beat out 40 tons of tinstuff. The average work in the mine is not more than 3 cwts. of black tin per 106 sacks, or 10 tons; and I suppose they are just like others, who, when they raise more stuff which would be stamped if Deleoath agents had not taken the water. Now, 6 cwts. of black tin, at 50s. per cwt., amounts to 20i.; then, instead of losing 4:5i. 3s. 10d. Now, this stuff can be stamped by steam-power for about 6d. per ton; and I would ask the agents whether it would not be better if the men were at their work, breaking tinstuff, than keeping guard, as they have been for the last fortnight, on a thing of so little importance to them? Is it not costing the mine 20i. per month?—A Lockber-Os: Camborne, Sept. 10.

MINING IN CALSTOCK-WHEAL ZION.

MINING IN CALSTOCK—WHEAL ZION.

Sir.—I am very sorry to observe, in your last Journal, a letter from Mr.
R. P. Lemon, of Bath, in which he imputes wrong motives to "An Adventurer."
I can assure Mr. Lemon that "An Adventurer" had no wish whatever to state anything but what was strictly within the bounds of truth; I went with him to Zion, and gave him all the information I could. As to the size of the sett, I think I ought to know it as well as Mr. Lemon. If Mr. Lemon says Wheal Zion is anything longer on the course of the great lode, on which they are now working, than East Wheal Zion, all I shall say is he makes a very great mistake. Mr. Lemon says Zion is six times the size of East Zion. I understand the East Zion be the glebe land, which is over 60 acres: then, of course, Wheal Zion must be 360 acres. I am much pleased at this, as we have a larger sett than I thought we had. I am also pleased to find that the difference between Mr. H. Vivian and his brother is settled respecting the shares. I can assure Mr. Lemon that I wish well for Wheal Zion; I have an interest in the mine, and none in East Wheal Zion, but I am as anxious for the diffusion of truth as he can be.

Mr. Lemon may be assured I should not be a shareholder if I did not think well of the mine. I have been offered a high price for my shares, but I believe not what they will make; in fact, I am not inclined to sell; but he must know that we here, in the neighbourhood, ought to know something of mines and setts as well as himself.—A Shareholder in your Journal of Saturday last a letter from Mr. R. P. Lemon.

himself.—A Shareholder in Wheal Zion: Tweistock, Sept. 10.

Sir. I observe in your Journal of Saturday last a letter from Mr. R. P. Lemon, in which he appears to be hurt respecting my notice of Wheal Zion. I beg to assure that gentleman I had no intention whatever to depreciate Wheal Zion in any way, but made my notes of that mine from a gentleman who is a shareholder, and one who has never yet decelved me. As to the size of the sett, Wheal Zion was pointed out on the course of the great lode, on which the ore is now raising, from a parish road on the east to a parish road on the west; and East Wheal Zion is supposed to run on the course of the same great lode from the eastern road to the River Tamar. The latter appeared to me to be quite as far as the former. I am very sorry to find by Mr. Lemon's letter that the lode appears to be getting smaller going east, as they are now just in the middle between the two roads before named. This does not look very well for the eastern part of the set; but I have no doubt, in that fine channel of ground, it will open again. I believe Wheal Zion will turn out some thousands of tons of ore in the field east of the present workings; I mean in the field adjoining the eastern road, where the adit is.

An Adventurer.

THE ASTURIAN MINING COMPANY

THE ASTURIAN MINING COMPANY.

THE ASTURIAN MINING COMPANY.

Sir.,—The enquiry of one of your correspondents in last week's Journal, as to the actual position of the Asturian Mining Company, induces me to believe that there are others, as well as myself, who would be thankful for some information on that matter. I am not a shareholder in my own right, but a considerable number of these shares, fully paid up, have fallen into my hands, together with other (and as I hope more valuable) assets, the property of an old friend of mine, lately deceased. Finding these shares nearly unsaleable, and having no acquaintance with any other persons who hold them, I have sought the advice of friends as to what steps I should take in such a difficulty, and the replies are very unsatisfactory and conflicting. Being informed that the property of the company is in a most critical and uncertain state, and that the venality of some (I hope of only a few) of the shareholders, and the incapacity and apathy of the greater number, have placed the entire control of their affairs in the hands of a very few self-appointed managers, in whom no very great confidence is reposed, I am assured that, in order to relieve myself from all responsibility. I should make my deceased friend's son, who is a minor, a ward in Chancery. Of course, before I take such a course, I must fortify myself with the best legal opinion I can obtain. In the meantume, perhaps, some of your correspondents who hold these shares, and in similar circumstances to mine, may have decided upon what steps they may eventually take; and I should rele very thankful if any of them would be so kind as to throw a little light on this (to me) very perplexing business.—Trustee: London, Sept. 10

SCRIP SHARES AND THE COST-BOOK SYSTEM.

SCRIP SHARES AND THE COST-BOOK SYSTEM.

Sir,—Being occasionally in the habit of laying out small sums of money in new promising mines, with a view to investment, among the numerous schemes which have got afloat within the past few months I have had placed in my hands a prospectus of the North Wheal Trelawny Silver-Lead and Copper Mine; and as there is a strange anomaly in the proposed mode of management, I request you will allow me space for a few remarks, which may perhaps elicit from the parties interested some explanation of a system which certainly I cannot exactly comprehend. The prospectus states that the mine is divided into 16,000 shares, of 10s. each, to be issued in scrip to bearer, and that the mine is now at work on the Cost-book Principle. Now, Sir, I have had some experience on the latter system as applied to mining management, and should much like to be informed in what manner these two principles resemble each other, and how they are to be applied simultaneously to the working of one adventure. The Cost-book Principle implies registration; the Stannary laws of Cornwall recognise no scrip companies. To carry out the system in all its integrity, it is absolutely necessary that every adventurer should be registered, that each holder may know with whom he is acting—the accounts be periodically sattled, and the expenses, or the profits, fairly divided. If necessary to make a call under the least unfavourable circumstances, it is probable few of the holders of scrip would respond to it, and the registered holders alone would be called upon to make good all liabilities. If the promoters intend it to be really a scrip company, without any registration, it cannot be the Cost-book System, naither can it be if partly scrip and partly registered shares. The mine may be worthy of a trial for aught I know; but why attempt to induce the public to take shares by calling the management "cost-book," which, under 7 and 8 Vie., cap. 110, exempts adventurers from any liabilities beyond the amount of their shares—whe

BRONFLOYD LEAD MINE, CARDIGANSHIRE.

Sur.—With reference to the prices quoted in your Share List, I find this mine amongst the number at 1t as the last selling price; I, therefore, think it due to the public to say that in a future Journal I may think it necessary to enter late an explanation of the exact position of the company; but, in the meantime, parties who accept transfers, without due caution, must, of course, take the consequences, and, perhaps, the risk that has already attached to—Aberyshvith, Sept. 8. An Original and Bona Fide Shareholder.

WHEAL REETH-MERCHANTS' BILLS.

WHEAL REFIH—MERCHANTS BILLS.

SIR,—Through the medium of your columns, I wish to call the attention of the shareholders of Wheal Resth to the accounts of that mine, dated the 25th of August. The receipts (less dues) amounted to 36077. 2s., while the three months' cost was 2291L 11s. 6d. In addition to this large sum, there is a charge of 1686L 4s. 3d. for "merchants' bills," of "which sum I think it would be satisfactory if some particulars were given, as it is more than equal to the amount of the dividend. Although I am a shareholder in several other mines, I find in the accounts of none of them so large an outlay under this head; and as I have no notion of what it is composed, I shall be much obliged if this letter should elicit an explanation.—A Shareholder in several Mines: Sept. 10.

WHEAL CARPENTER.

WHEAL CARPENTER.

SIR,—Appreciating your desire to give correct quotations of the prices of shares, and observing, in your last week's Journal, the present price of Wheal Carpenter shares stated at 2l. to 2l. 10s., I beg to inform you that such a quotation must be merely a nominal one, for the only transfer of shares that has passed through my hands, as purser, for the last ten days, is one of five shares, the price paid for which I know to have been 4l. 2s. 6d. per share, before the call of 1l. per share, made yesterday.

Tavistoch, Sept. 10.

Purser of Wheal Carpenter, in the Tavistock district.

Notwithstanding the above, savaral brokers have now for sale shares in the series in the

[Notwithstanding the above, several brokers have now for sale shares in the line at 45s. to 50s. each, as again quoted by them in our list.]

Mining Correspondence.

BRITISH MINES.

ALFRED CONSOLS.—The lode in the 90 fm. level, driving east of Field's engine-shaft, is from 10 to 12 ft. wide; at present we are driving on the north part, and hope shortly to drain the winze that has been commenced sinking under the 80 fm. level, east of this shaft, is worth for copper ore 804, per fm. The lode in the 80 fm. level, east of this shaft, is worth for copper ore 804, per fm. The lode in the 80 molty. Per fm.; this winze is 3 fms. east of the 80 fm. level east level, worth for copper ore 1704, per fm.; this winze is 3 fms. east of the 80 fm. level east of the soft miles. The locks very cheering for the 80 fm. level. No change in the 60 fm. level, west of the engine-shaft, or in any other part of these mines, since the last report.

level. No change in the 60 fm. level, west of the engine-shaft, or in any other part of these mines, since the last report.

APPLEDORIC.—The engine continues to work well, and the ground in the shaft is of a most favourable character. We have set the shaft to sink by nine men, to complete to 20 fms. deep, at 100, per fm., the contractor to provide all materials, except imber, and also to pay for horse hire incurred in drawing stuff, &c. We hope to reach the 20 fm. level in about six weeks.

BEDFORD UNITED.—In the 108 fm. level, east of engine-shaft, we have been driving by the side of the lode, and have not taken down east of cross-course; in the same level, east of Andrew's winze, the lode is 2½ feet wide, composed of spar, mundle, and copper ore, yielding saving work; the end west of winze is extending by the side of the lode, which has not been cut into for the past month; in the 103 east the lode is 4 ft. wide, with a good leader of ore, producing 4 tons of ore per fm.; the lede in Lintern's winze in the bottom of this level, is 3 feet wide, and worth from 10 to 12 tons of ore per fm. In the 90 fm. level the lode in the end is 2 feet wide, producing saving work; in Rundle's winze, anking in the bottom of this level, is level, the lode is upwards of 3 feet wide, worth 6 tons of good ore per fm., and likely to become more producitye; this winze is 5 fms. before the 103 end; the improvement in the lode is upwards of 3 feet wide, worth 6 tons of good ore per fm., and likely to become more producitye; this winze is 5 fms. before the 103 end; the improvement in the lode is upwards of 3 feet wide, report the 103 end; the improvement in the lode, is, therefore, important, and greatly increases our prospects. In the 80 fm. level we are still driving by the side of the lode; its about 18 incless wide, composed of mindic and spar, with spots of ore occasionally. The pitches are looking as well as usual; and we can confidently rely on keeping up the present returns.

g up the present returns.

BOLENOWE.—This week we have holed the engine-shaft to the adit, and to now cutting down and completing it to the bottom of the level. All our operations re proceeding with vigour.

BOSORN.—Our engine works exceedingly well; we have attached the flat BOSORN.—Our engine works exceedingly well; we have attached the flatrods this day to draw the water from the eastern shaft, and expect we shall see the bottom the latter part of next week. The shaftmen in clearing up the engine-shaft under
the deep adit level have got to the bottom, which we find to be 11 fns. under the level,
and there is no end driven either east or west from the shaft, which we like very well,
because we have now 11 fns. of high backs, and after we have driven a few fms. each
way we shall be in a position to set these backs on tribute. There is a very kindly lode
of tin in each end, from 12 to 18 in. wide, containing tin throughout. We have had twe
tributers working in the back of the adit level for a few days past, and they broke some
tin stuff as left by the old men, 11½ sacks of 14 gals. each, worth 2s, per sack, or 4 cwts.
of black tin per 100 sacks; and 1½ sack worth 20s. per sack, or 40 cwts. of black tin
per 100 sacks:

per 100 sacks.

BRYN-ARIAN.—The engine-shaft is cleared up to the bottom, and we shall commence sinking about the 10th inst. The lode in the 20 fm. level, west of Hughes's rinze, is 6 ft. wide, yielding 10 cwts. of ore per fm.; the stope in the back of this level, rest of fughes's winze, is from 15 to 16 ft. wide, yielding a ton of ore per cubic fathom he stope in the back of the 10 fm. level, west of the shaft, is yielding about 8 cwts. per m. We have commenced sinking Hallett's shaft under the 20 fm. level; the lode in its level, driving north, is becoming more also decreed within the last 3 or 4 days, and though its appearances are very encouraging, it will not yield at present more than 2 or 15 cwts. of ore per fm.

12 or 15 cwts, of ore per fm.

CEFN BRUNO.—The water is in fork, and the men have commenced to sink the shaft. The lode is 3 feet wide, yielding 2½ tons of ore per fm. The lode in the 24 west is 2 ft. wide, yielding 1 ton of ore per fm, and looking very promising. The lode in the adit west is 2 ft. wide, producing good stones of ore; and in the same levest of the cross cut, it is 4 ft. wide, spotted throughout with ore. The lode in the shaft, sinking from surface, west of engine-shaft, is 20 in. wide, containing small branches of ore.

CEFN CAM SLATE QUARRY.—We have set bargains to raise the slates by the thousand; also to drive the open cut to its end by the square yard. A section of the above I shall send by the end of this month.

CHYPRASE CONSOLS.—Durne the last forwards the caption has

the above I shall send by the end of this month.

CHYPRASE CONSOLS.—During the last fortnight, since the engine has been at work, we have sunk and cased the shaft 3 fms. below the 18 fm. level. Should be ground continue equally favourable as it is at present, there is every reason to expect that we shall reach the 40 fm. level, where we intend to drive on Wheal Basset coper lode and Old Chyprase tin lode, by the expiration of the four months from our re understanding sinking in the shaft. We have also reofed in the boiler-house, and cased with imber the cylinder and steam pipes, and in a few days the carpenters will have completed their work in the engine-house. The engine performs its duty well.

CONDER BOUTOM. Since whether the shade of the contraction of the c

pieted their work in the engine-louse. The engine performs its duty well.

COPPER BOTTOM.—Since my last report a cross-cut has been driven south at the bottom of the engine-handr, and the lode has been cut; but as we have not yet driven through it. I am unable to say what it is composed of; in my next report a hall be able to give the particulars concerning it. The men in the 30 fm. level, west of Faull's shaft, are rising against the winze sunk in bottom of the 20 fm. level, in order to drain it; in the rise in back of 30 fm. level, west of Paull's shaft, are rising against the winze sunk in bottom of the 20 fm. level, in order to drain it; in the rise in back of 30 fm. level, west of Paull's shaft, the lode is 3 ft. wide, still producing some good work. At the north lode we have six men cutting ground for beet dams, which we intend putting in west of flat-rod shaft, for the purpose of keeping back the water which is at present issuing from the cross-course, east of the above shaft; we have suspended the 30 fm. level, west of May's shaft, until the shaft is cut down from the 10 to the 20 fm. level, which will be into or 12 days: the lode in the end, at the time it was suspended, was 3 ft. wide, yielding some fine stones of rich yellow ore; the lode in the 30 fm. level, driving west of Gendall's shaft; is at present disordered by a slide; we 'are cutting down May's shaft, from the adit to 10 fm. level; at surface the burrow at May's shaft is being cut through; we are also removing a piece of ground for the angle-bob; and all the other work is being done as fast as possible, preparatory to removing the flat-rod and priwork.—P. S. In reference to our prospects, I believe you must not look forward to anything new for a few weeks to come, as we have commenced operations for the removal of the pitwork and rods from the north engine-shaft, as directed at the last meeting; during the time this is in hand the usual work of the mine cannot be carried on. We have decided on the best thing that possibly could be done for

CWM Ers in our outsuy.

CWM Ers in our outsuy.

The 45, or bottom level east, still looks very well, yielding from 14 to 18 owts. of ore per fm.; the west end is improving, lode bearing good stone of last and copper ores. The 39 east is producing good stones of ore, and more promising than for many fms. back. The cross-cut in the 10, over Roberts's winze, is botto the north branch of the lode, which will yield 10 owts. of ore per fm. The cross-cut north of the old engine-shaft, in the 10 fm. level, has intersected two branches of our and it is exceeded that the first hold will be found further parts. Percentages are

CTFANNEDD FAUR.—We are putting down our top winze in No. 2 stope, and also making dams in both ends to raise the water up to the level, to commence sinking on the ore. The ore I have set to be dressed by the ton. I expect that our washing baddles will be placed by the end of next week.

DEVON AND COURTENAY.—We are getting on excellently with fixing the flat-rods, &c., and I see nothing to prevent our putting the whoel to work on the 19th inst. The sumpmen are getting on well with the shaft is the ground is favourable. Cartiew's sump shaft is in a good clean country, but the water has increased within the last few days. The tribute department is improved since my last, and the tributers are working well.

the tributers are working sell.

DHURODE.—The new shaft is being sunk rapidly; the ground is open and favorable; they are now more than 45 fathoms deep, and the lode exhibits flookan, softelyan, decomposed spar, mundle, and rish or veins of bright yellow ore; it is gradually improving in depth, and promises deposits of rich ore. In the drivings in the end of the 10 fm. level we are gotting on well; the stones brought up are mixed with good yellow ore. In the other new shaft the gossan continues of the same rich character, mixed with matter copper; the lode improves in depth, and the ground casy to work.

DOLFRWYNOG.—We have finished clearing to commence the sinking of our new shaft, which will take place to-morrow (Sept. 10); it is to be called Williams's shaft. At the malschite, I am daily expecting to cut the lodes; to be called Harrey's trisl.

EAST BALLESWIDDEN.—We are now about to extend the 10 fm. level west on the Rose lode by four nea in tin ground. We are sinking the flat rod shaft by eight men and four beys; this shaft is nearly 5 fms. under the adit level. On the new lode we have a good course of this in the bottom of the salit for 3 fms. long, and a good lode in the end. We now want to get our stamps to work.

EAST CROWNDALE.—Nothing has been taken down from the south lode in the 58; the strats still hold good, and lode holding fast towards the north lode. North, a little improved for copper, but very much corrupted with mundle. The winze in the back is producing good stones of ore.

EAST DAREN.—The late showers have enabled the men to get into the

EAST DAREN.—The late showers have enabled the men to get into the 10 fm. level, which was holed through to Taylor's shaft, and to fix a 9-inch lift in the shaft, which will be worked by the new 30-feet wheel, and it is expected that it will be put in operation on Saturday next. About 12 miles of the new leat are completed; there is about a mile more to finish, which will be done as quickly as possible.

EAST GUNNIS LAKE.—In sinking the engine-shaft the ground continues hard, lode maintaining its size and promising appearance, and at the deepest point yielding good work. In the south shaft the lode is 2 ft. wide, mundle, spar, and ore, saving work. In the 16 east the south lode is 2½ ft. wide, producing good stones of ore, and a very promising appearance. The river shaft has been cleared down to the 16 fm. level, and the men continue the work. We hope to reach the 24 within six weeks—until this is completed we cannot do anything more towards clearing the 24 from engine-shaft. There are about 15 tons of ore broken, which I purpose sampling in a week or ten days.

EAST SHARP TOR.—The lode in the cross-cut in the 40 fm. level, east of

and the men continue the work. We hope to reach the 24 within six weeks—until this is completed we cannot do anything more towards clearing the 24 from engine-shaft. There are about 15 tons of ore broken, which I purpose sampling in a week or ten days.

EAST SHARP TOR.—The lode in the cross-cut in the 40 fm. level, east of Hitchins's shaft, so far as cut into (1 ft. 6 in.) is rather hard, being composed of dark capels, quartz, peach, compact spar, and oxide of iron. The shaftmen have completed the barrow road, and are now engaged driving by the side of the lode west of shaft. We purpose extending this level 30 fms. in this direction, ere we cross-cut the lode; the present price is 41. 16s, per fm. for 2 fms.

EAST WHEAL GEORGE.—The lode in the 23, cast of engine-shaft; is 2 ft. wide, composed of capel, spar, mundic, and spots of ore; weat, it is poor at present, composed of peach and flockan. The lode in the stopes in the bottom of the 12 are 3 ft. wide, a good orey lode. We sampled, on the 6th inst., August ores, 14 tons 20% cwts.

EAST WHEAL LEISURE.—The cross-cut south of Jewell's shaft will intersect the lode in a few days. The lode in the 27 east is producing about \$\frac{3}{4}\$ ton per fm. In the 10 fm lot shaft, will inclevel west, on Taylor's lode, the lode looks promising, yielding 1\frac{1}{2}\$ ton per fm. In the 10 fm the 3dt least of Taylor's shaft, there is a very promising lode, 5ft whice, composed of soft prian, mundic, and a little ore. The tribute pitches are looking well, and 100 tons of ore are expected to be sampled very shortly.

EAST WHEAL RASHLEIGH.—We have a very strong lode in the end: it is making its course due north, is 4 feet wide, and underlays 2 or 3 laches in a fathom—in character it is much the same as last reported, but more impregnated with mundic, flookan, and price louded 30 per cent, for lead and 21 ozs. of silver to the ton—value about 61, per ton.

EAST WHEAL REETH.—The 24 fm, level is going forward satisfactority.

EAST WHEAL REETH.—The 24 fm. level is going forward satisfactorily the ground being good for driving, and indications for tin fair. Two months' more driving will no doubt bring us to the Wheal Reeth lodes, where I believe our expectations will be more than realised. We are doing our best to facilitate the workings, and I have only to add that the East Wheal Reeth sett, if properly worked, will be second to no mine in this county, for I have been uncommonly pleased to hear from the neighbours that no clampion lode has been known to fail in this locality; and I am courinced from my own observation of the truth of this statement. The engine works well and steadily.

EAST WHEAL RUSSELL.—Since my last report, our lode in the tunnel level is greatly improved, being now about 3 ft. wide—a good oray lode—which continues to improve as we drive west towards the cross-course. I have had an assay made of some of the best of the ore, and find it to contain 30 per cent. of copper. The engine has not yet arrived, which is causing considerable delay in the presecution of our mine.

FRONGOCH.—The 66 fm. level from Pryse's shaft is worth \(\frac{1}{2}\) ton per fm.—the best part of the lode is supposed to be in advance; in the same level west the lode is 4\(\frac{1}{2}\) ft. wide, all of which will pay well for taking away. In the 36 fm. level, east from Taylor's shaft, the lode is 4\(\frac{1}{2}\) ft. of which is saving work. In the 44 fm. level east the lode is worth 110 ton per fathom.

GOGINAN.—The lode in the 120 ft. was level as the lode is the lode in the 120 ft. and level as the lode is the worth it on per fathom. EAST WHEAL REETH.—The 24 fm level is going forward satisfactorily

GOGINAN.—The lode in the 120 fm. level, west of Francis's shaft, is 5 ft wide, composed of spar, blende, and clay-slate, with small branches of ore. The lode in Taylor's shaft, sinking below the 130, is large, looking promising, and yielding 18 cwts of ore per fin. The lode in the 80 fm. level, west of Francis's shaft, is 4 ft. wide, with small branches of ore. The lode in the shaft at the boundary below the 30 fm. level is

GRAIGOCH .- The 10 fathom level, east of engine-shaft, is from 11 to 2 ft

wide, worth 1 ton per fin., looking promising. The mines are in want of surface water.

GREAT BRYN CONSOLS.—We have got through the large lode in the deep adit; this lode is from 6 to 7 ft. big; a very strong lode; and, no doubt, in depth it will shortly make abundance of copper. We have now, in the end, the most beautiful ground I ever saw; I have let it at 18s. per fin. for one month; we are also driving close in the shallow adit ground, very good, set at 9s, per fin. stent. I expect the walls of the count-house and smith's shop will be up next week to take the roof; we are get-lug on well with the trial shaft on north lode, and hope to cut some copper this week.

of the count-house and smith's shop will be up next week to take the root; we are getging on well with the trial shaft on north lode, and hope to cut some copper this week.

GREAT WHEAL BADDERN.—The lode in the 51, east of Tweedale's
shaft, is from 16 to 12 in. wide, omitting a great deal of water. The stopes in the back
are exhausted, and we are stoping the ground adjoining and east of Kenworthy's shaft,
which point is producing moderately. In the 40, east of Buckley's, and near Burgan's,
haft, the lode is 6 in. wide, almost solid lead: this is a point we must continue to push
with all speed, to get under Burgan's, in order to communicate, or complete, that shaft
to this level. The stopes in the back, east of Buckley's and west of Tweedale's, are rather
better than usual. The 30 end is without improvement. The stopes are turning out
very satisfactorily, and ground good for opening. The 20 end, on the old lode, is still
suspended; ditto on new lode, is still going west towards the cross-cut; the end
contains an excellent lode of lead, We have cut the new lode in the cross-cut; the end
contains an excellent lode of lead, We have cut the new lode in the cross-cut; the end
contains an excellent lode or lead, we have cut the new lode in the cross-cut; the ond
contains an excellent lode or lead, We have cut the new lode in the cross-cut; the end
contains and excellent lode or lead, We have cut the new lode in the cross-cut; the soft
rapidly east and west on its course, and trust it will produce us much lead. The stopes
east and west of Burgan's are good. The tin glitch, west of Sunderland's, in the 20 fin.
level, continues to produce good work. The adit is diving slowly, lode poor. The
winze on the caunter lode does not present very encouraring appearances. The surface
operations and dreasing are going forward as usual. The naine is looking well, and promisses to be second to none in the country, if properly carried out. The chances of discovery are good and many.

HEIGNSTON DOWN CONSOLS.—In my last two-monthl

every are good and many.

HEIGNSTON DOWN CONSOLS.—In my last two-monthly report I advised of having sunk and made complete Doldge's winze 10 fms. 3 feet below the 45 fm. level, or to a 55 fm. level; since which we have cross-cut the lode at that point, and driven on it in an easterly and westerly direction altogether 5 fms. 3 ft., and 1 have great pleasure in being able to inform you it has proved productive, and yielded on an average 6 tons of ore per fm.; the lode at present, east of said winze, will produce about 8 tons of good quality ore per fm., and in the western end the lode is 10 feet wide, and worth about 6 tons of ore per fm. We set on the 30th Aug. the eastern end to drive at a tribute of 4s. in 12. The 45 fm. level has been driven since the last meeting 4 fms. 2 ft. 9 in. through a large, but unproductive lode; this end is suspended for the present, and the men put to rise towards Eastman's winze, sinking below the 35 fm. level; and I hope a communication will be effected by the end of the present month, as it will considerably assist in the ventilation of the mine. The 35 fm. level is also suspended, as was the case at your last meeting; in the back of this level 16 fms. of ground have been stoped, yielding on an average 14 ton of ore per fm. On the south lode, cast of the cross-cut, 4 fms. 3 feet have been driven; and, I am glad to say, it is holed to the end, driving west from Hitchina's shaft; there is now a good current of air, by which the men are much benefitted. Hitchina's shaft has been sunk 2 fms. 2 ft., and is now io fms. 3 ft. below, the 35; we have, therefore, set a level to drive east from that point, for a trial of the lode, where it is producing some good stones of ore, and is a treesent worth 4 ton of ore per fathom. Bailey's shaft, sinking below the 45 fm level, is down 2 fms., and I have great hopes of making it complete to a 55 fm. level by the end of the year. Victor's winze, sinking in the bottom of the 45, and west of Doldge's, is progressing satisfactorily, being 6 fms. If d HEIGNSTON DOWN CONSOLS .- In my last two-monthly report I ad

congratulate you on the possession of one of the most promising mines in the county.

HERODSFOOT.—The 117 fm. level is much improved, the lode in the end being worth 30 cwts. of ore per fm., and tolerably easy for driving, so that we are laying open profitable ground. The 82 continues to be comparatively poor, and the falling off in the returns is principally owing to it. The 72 is improving, and bids fair to become as productive as before. The 92 is also looking much letter; the lode in the end is now worth 10 cwts. of ore per fm. In the 106 the lode continues to be small and poor, but we may expect a change shortly, as the end is nearly ander the point where the lode began to be productive in the 94. On the whole, the mine is looking better than for some time past, and there is a fair prospect of getting back to our former returns. We sampled 35 tons of ore on Saturday last.

-The ground in Hitchins's and Wall's engine-shafts is fa AUGUSTS AND A series of the ground in Hitchins's and Walt's engine-shates is revourable, and good progress making in both. The lode in the 132 fm. lovel south is 10 ft. wide, producing 3 tons of copper ore per fm. The stopes in the back of the 132 is 18 in. wide, producing 3 tons of copper ore per fm. The stopes in the bottom of the level are for the present suspended, The lode in the 132 fm. level, east of the diagonal shaft, on the north part, will produce 1½ tons of copper ore per fm. We are still pursuing the rise over this level, and the winze below the 120, on the lead lode, to make the communication. The flap-jack/dolejin the 120 fm. level, east of the cross-course, is 20 in. wide, composed of spar, mundle, blende, and stones of copper ore. The lode in the 110 east, on the same lode, is 15 in. wide, producing 2 tons of ore per fm. The lode in the 100 east is 2ft. wide, producing 1 ton of ore per fm., and promising further improve-100 cast is 2 ft. wide, producing 1 ton of ore per fm. The lode in the 100 cast is 2 ft. wide, producing 1 ton of ore per fm. and promising further improvement. The lode in the 100 fm. level, west of Wall's shaft, is 3 if ft. wide, composed of mundic and stones of copper ore. The tribute pitch in the bottom of the 110, on the flaplack lode, is set to six men, at 3s. in 1L.

jack lode, is set to six men, at 3s. in 1l.

KENMARE.—The following is an extract from the report of Captains W. Thomas and H. D. Croker, dated Sept. 3:—At Campbell's shaft the vein of rich ore is increasing in size or thickness, and the north wall of the lode is very regular and well-defined: I think it will produce from 10l, to 12l, worth of ore per fin, and the cost of staking is 6l, per fin. In the 36 and 27 fin. level ends, west of Croker's shaft, the lode is not producing any ore worth mentioning. In the rise in the back of the 36 fin. level, east of Croker's shaft, the ore will a little more than pay the cost of working, the stopes also in the side of the 36 fin. level will leave a small profit over the cost of working, as well as the stopes east of Lamb's winze, which has been communicated from the 17 to 27 fin. level. In Mamby's shaft (the lode being still irregular and undefined, and shifted to the south we have thought it best to cross-cut south 6 feet, in order to ascertain its real size or breadth; it is composed of mandic, small particles of galena, and allphate of baryles. The castings are all on the mine—new capstan, rope, whim-chain, smiths' bellows, &c., all of which appear to be of good quality. We are now busily engaged in making the necessary alterations in the shaftwork, preparatory to sinking Croker's shaft and opening new ground. We are doing all that is possible to be done to forward the work and develope the resources of the mine, and also gleaning up a small quantity of ore of good quality.

KESWICK.—The lode in the 20 fm. level north, at Brandley, is worth full 30 cwts. of one per fm.; No. 2 rise, in this level, is worth 25 cwts., and Lynn's rise 8 cwts. of one per fm. In the 20 fm. level we have good ground, with a little saving work. At the engine-shaft, skw men are cross-cutting to the lode. The Salt sump is yielding fall 30 cwts. to the fm. At Thornthwaite, the 37 fm. level is easier for driving.

KIRKCUDBRIGHTSHIRE.—The lode in the 86, west of Stewart's, is 8 ft.

KIRKCUDBRIGHTSHIRE.—The lode in the 86, west of Stewart's, is 3 ft. wide, principally carbonate of lime, spotted with lead, worth about 6 ewts. to the fathorn. The lode in the rise in the 74 west is 4 ft. wide, very kindly, yielding half a ton per fin. At Glipin's shaft, the lode in the 74 east is without improvement; in the rise over this level west no lode taken down. The lode in the 52 west has turned out well this week, making nearly 1 ton per fin. The lode in the 50 yields 10 to 12 cwts. per fin. The 40 west has occasionally good stones of lead making on the wall.

LAMHEROOE WHEAL MARIA.—We completed the flat-rods to Jessie's shaft on the 6th Sept., and connected the same machinery to the engine this morning (Monday); being a complete job, it works well, and requires no alteration: the water will be all pumped out by 2 o'clock p.m., and the men, nine in number, will commence at once to cut plat, which will be completed by the end of next week, and the peart-house put in; then we shall commence sinking the shaft with all possible speed, by nine men of this week, which we shall sell at once. I finend to fill all the barrels that we have now at the mine with arsenic next Saturday (to-day), which will contain 3 tons, and we shall pick up more old barrels as soon as possible.

LEWIS.—The north lode in the 80 fathorn layel east from the shaft in shaft in the shaft in the shaft in the safe from the shaft in the sh

—The north lode in the 80 fathom level, east from tin shaft, is 2½ ft. LEW 15.—The north lode in the 80 fathom level, east from the shaft, is 2½ ft, wide, with kindly appearances, opening good tribute ground. Frace's lode, in the 40, west from copper ore shaft, is 6 in. wide, producing good atones of tin. In the 20, west from copper ore shaft, is 18 in. wide, producing good stones of tin. In the 20, west from Stainsby's shaft, it is 2 ft. wide, good work for tin; in the same level, east from Gundry's shaft, it is 6 in. wide, low-price work; this lode, in the 10 fm. level. east and west from Gundry's shaft, is 6 in. wide, unproductive. In the 30, east from Prace's shaft, it is intersected by a cross-course, and from the appearance of the intersection it is a right hand heave—we shall drive south to cut it. We are continuing our operations in the south ground and eastern part of the sett, in the appearance of which there is no alteration since my last report.

since my last report.

LISBURNE.—In the 44 fm. level, west from the western rise, the lode is about 2 ft. wide, worth full 1 ton per fathom. In the deep adit level, west from the middle flat-rod shaft, the lode is from 3 to 34 ft. wide, worth from ½ to 1 ton per fathom. The lode in the 105 fm. level, west from Eddy's shaft, is 3 ft. wide, worth fill 2 tons of rich ore per fathom; in the same level east the lode is 2 ft. wide, worth ½ ton per fm. Other places as reported last month.

Other places as reported last month.

LYDFORD CONSOLS.—At Wheal Mary, the lode in the adit level, south of the gossan shaft, is large, being full 2½ feet wide, and presenting a favourable appearance—producing occasionally stones of lead. At Wheal Adventure, the lode in the adit level, south of the engine-shaft, is composed of Blookan and spots of mundle—a kindly lode. The lode in the cross-cut, driving west from the adit level, is in a disordered state; our surface j-bs are progressing satisfactorily. We have been for some days past expecting some timber from Plymouth for our shears, &c., which, I am sorry to say, has not as yet arrived; this will impede our progress a little, and we cannot now expect to go to work this week. I will go to the quays to-day, however, and see if the timber has arrived there, when no force shall be wanting to get it on the mino.

MERLLYN.—The whim-shaft sinking below the 26 is producing good stones of lead ore; the rise in the back is worth 25t, per fm. The winze below the 16 is worth 6t, per fm.; the 16, west of the shaft, is worth 20t, per fm. The 15 yard level west is worth 10t, per fm. The engine-shaft is completed to the 26 fm. level, and was reset on Saturday to sink 10 fms, contract price 100 guiness, which I hope will be completed as soon as the engine is erected. We have sampled 40 tons of lead ores, which will be sold to-morrow (Sant. 11).

NORTH BASSET.—The lode in the 82 fathom level continues about 6 feet wide, a beautiful course of yellow ore. In the bottom of the 72 fathom level we have a tribute pitch working at 1s. in 1t., and in the same level, west of the new shaft, we have a good lode of grey and black ore. In the winze sinking under the 72, west of the new shaft, the lode is 4 ft. wide, an excellent course of yellow ore. All our tribute pitches are looking well. We sampled hast week 206 tons of copper ore, produce varying from 7½ to 2½, which realised 1418£ 17s. 7d. We have recommenced sinking the new shaft under the 82 fm. level, and look forward to increasing our returns rapidly.

NORTH BULLER.—Louisa engine-shaft is now sunk 40 fms. from surface, and the men have commenced driving north and south. On Friday, Aug. 29, was our monthly setting, and the shaft not being down, we set to complete it to fine 40 fm. level by 12 men, at 22!, per fm., and to drive north and south of shaft a fm. each way, at 14!, per bargain. The ground in King's shaft is getting more favourable for sinking, and we are giad to inform you the lode is very much improved since last reported, it is 1 ft. 6 in. wide; to day (Sept. 8) we broke some very protty stones of copper ore out of it. Taking the lode altogether, we have never seen it look so well as it does at present. The lode in the adlt end is about 2 ft. wide, but unproductive.

PETER TAYY AND MARY TAYY.—The 43 fathom level, east of shaft, is

the adie od is about 2 ft. wide, but unproductive.

PETER TAYY AND MARY TAYY.—The 43 fathom level, east of shaft, is extended nearly 2 fms. through a productive lode; the lode at present in the end is 20 in, wide, with a leader of 8 in. wide in the back of the level, producing good work, which appears to be gotting further down in the level as it is extending eastward; the ground is improved for driving—at this point let to six men, at 10.10s, per fm. The 43 fm. level, west of shaft, is holed to the winze, which was sunk by the former company in the bottom of the 32 fm. level. We have ascertained that the lode is standing on the north side of the winze, she south wall of the lode being the north part of the winze, from which we have taken some good stones of tin; the lode at this point presents a very promising appearance, the north part of which is yielding fair work for the, ground moderate—let other to six men, at 84 per fm. The mon are engaged in clearing the stuff from the winze which I csycet will be done by Tuestay. I have let a burgain to the sumpmen, te convert the drawing lifts into a planger lift; this work we shall get done as soon as possible, in order to recommence sinking the shaft, as I consider the chances are in depth. We hope to get the stamps to work at the time first named—viz.; the 1st of October. We should be in a more forward state with this work had we not been deficient in carbenters; we are anxious to get it completed before they commence about the rods, ciscurins, &c., for the shaft.

RIX HILL.—The 50 east is without alteration. The cross-cut north is pro-pressing favourably. In the 17 west the lode is kindly, producing a little tin. There is no alteration to notice in our tribute department.

SILVER VALLEY AND WHEAL BROTHERS.—The lode in our rise SILVER VALLEY AND WHEAL BROTHERS.—The lode in our rise in the back of the 24 fm. level, west from Oak shaft, has increased in size, and as rich as ever we had it. We are glad to say we break down more or less good work almost daily, and to-day we have broken 12 bags. Some of the stones are very rich for native, crystallesed, and groy oxide of silver. A sample was assayed yesterday from similar stones brought up to-day, and made a produce of 3248 czs. of silver to a ton of ore. The best of our branch is making west in a beautiful stratum of white killas. We have set the ead of the 24 fm. level to drive west by two men; and, as our branch is making west in the rise, we think we shall have silver again in a short time in the end. Our other levels are much the same as when last reported upon. We have ordered sleves for dressing.

SOUTH CARN BREA.—The long-pending disputes about this promising set are amicably arranged, and a new set has been granted, which will give the shareholders an extended interest of several years in the mine. An engine will be erected forthwith, which will enable us to extend our operations without delay. The mine presents the most cheering prospects.

sents the most cheering prospects.

SOUTH TRELAWNY.—We are still cross-cutting west in the 60 fm. levelwith six men. I cannot see any improvement in the ground since my last. There is no lode or branch discovered yet on the eastern part of the boundary.

with six men. I cannot see any improvement in the ground since my last. There is no lode/or branch discovered yet on the eastern part of the boundary.

SOUTH WALES.—The agreement for a lease of the sett comprising Bod; coll and Dolwen Mines has, in conformity with the resolution to that effect of the former meeting of the 29th April last, been executed, and the consideration money paid. Being assured that the calls in arrear will be forthwith paid, there is no necessity for forfeiting any shares at present. As regards the working of the sett, I have to inform you that Mr. Lewis Fugi, of Aborystwith, has driven an adit and sunk a shaft in a piece of ground in the centre of the sett, upon the most unfounded pressumption of its being a piece of sinclosure belonging to him, but which I have every reason for asserting belongs to this company, as will be shortly proved. In Angust, 1856, it was considered advisable to suspend all our workings, inasmuch as Mr. Pugh was, by his enroachment, actually proving the most desirable portions of our sett on each side of his operations. In consequence of the very important discoveries made by Mr. Pugh, I instructed Capt. Barbery. In May last, to sink a shaft within 7 fathoms of Mr. Pugh's works. For some time Mr. Pugh's men caused us considerable obstruction by destroying at night the work done by our men in the day; however, by perseverance and a little force, our men have succeeded unmolested in sinking the shaft about 12 inns., and am in daily expectation of their cutting the lode; and, judging from the very favourable indications and the productiveness of Mr. Pugh's new a rich lode as will soon place the adventure in the dividend list.

TAMAR SILVER-LEAD.—The engine-shaft is sunk 8 fathoms 1 ft. 6 in below the 205 fathom level; in the end driving south in this level the lode is 1f. wide, in which is saving work. In the 50 end, the lode is 4 ft. wide, eligens-shaft is saving work of a moderate quality. In the 175 end the lode is 2 ft. wide, 6 inches of which is saving work; i

right shaft, at 10t. 10s., is 3 ft. wide, worth 18t. per fm. for copper. In the 110 west, at 10t, the lode is 4 ft. wide, worth 9t, per fathom for copper; in the east end, in the same level, the lode is 3 ft. wide, worth 8t. per fm. for than ad copper. Grout's lode in the 90 west, at 7t., is 3\frac{1}{2} ft. wide, worth 16t. per fm. for copper; the lode in the rise in the back is 2\frac{1}{2} ft. wide, worth 18t. per fm. for copper. In the 70 west, at 3t. 9t., the lode is 4 ft. wide, worth 8t. per fathom for copper. North Tincroft lode, in the engine-shaft, sinking under the 110, at 25t., is 3\frac{1}{2} ft. wide—saving work for copper cre; in the 110 east, at 11the lode is 2 ft. wide, worth 7t. per fm. for copper cre; in the 110 west, at 14t., the lode is 3 ft. wide, worth 6t. per fm. for copper. In the 100, east of Willoughby's shaft, at 11t., the lode is 2 ft. wide, worth 8t. per fm. for than d copper. In the i00, west of engineshaft, at 5t., the lode is 3 ft. wide, worth 22t. per fm. for copper. In the winze under the 90, west of the 100 end, the lode is 3 ft. wide, worth 26t. per fm. for copper.

TRELAWNY.—We have cross-cut 3 ft. in cancel in the 107 fm. level, but

90, west of the 100 end, the lode is 3 ft. wide, worth 261. per fm. for copper.

TRELAWNY.—We have cross-cut 3 ft. in capels in the 107 fm. level, but have not yet met with the orey part of the lode. The shaftmen are employed cutting plat, as noticed last week. In the 92 end north the lode is 3 ft. wide, and worth 81. per fm.; in the south end, same level, the lode is 21 ft. wide, and worth 81. per fm. In the 82 end north the lode is 3 ft. wide, and worth 181. per fm. In the 92 end of this level the lode is worth 131, per fm. At the North mine, in the 78 end, north of this level the lode is worth 131, per fm. At the North mine, in the 78 end, north of the 10 de is 2 ft. wide, and worth 171. per fm. In the 68, north of ditte, the lode is 2 ft. wide, and worth 42, per fm. In the same end, south of Smith's shaft, the lode is 2 ft. wide, and worth 80, per fm. In the 55 end north the lode is 2 ft. wide, and worth 80, per fm. In the 55 end north the lode is 1 ft. wide, and worth 80, per fm. The stopes are looking fair.

TRELEIGHT CONSOLS—Clysicae Lode: In the 100 fathorn level, west of

TRELEIGH CONSOLS.—Christoe Lode: In the 100 fathom level, west of Gardon's, the lode is 2 ft wide, with stones of ore. In the 90 fm. level, west of ditto, the lode is 3 ft wide, worth 384, per fm.; in the stopes above this level, west of Terrill's gride the lode is 3 ft. wide, worth 384, per fm.; ditto, east of ditto, lode 30 in. wide, worth 124, per fm.; the stopes below this level, east of ditto, lode 30 in. wide, worth 124, per fm.; the stopes below this level, east of Arthur's winze, the lode is 2 ft. wides

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course, the 70, ore, wit tin lode suspend At Qua 0 ft. 10 through sunk or adit lev shaft, o 57, on 1 the 12, WE engine-ducing in the 3 lode in the sha being u increasi of great ing the by wind walling WE lode I

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WHI shaft we (29th An we hope nery is g when we spened a riage at the control of WHE west from worth 18L per fm. In the 80, west of Garden's, we are driving north to prove the lode; in the same level, east of Christoe, the lode is 20 in. wide, with good giones of ore.—Parent Lode: In the 64 cross-cut we are driving north to cut Parent lode; ditto south of Parent shaft, we are driving south to cut the middle lode.—Middle Lode: In Burgess's shaft, below the 13 fm. level, lode 15 in. wide, with stones of ore.

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serth 18L per fin. In the 80, west of Garden's, we are driving north to prove the lose in the same level, eath of Christoc, the lose is 20 in, wide, with good stones of ore.—Parent Lode: In the 44 cross-eat we are driving north to cut Parent lode: In the 42 cross-eath or parent shart, we are driving south to cut the middle lode.—Middle Lode: In Burgeas's side, below the 18 fl.—We for the control of the 18 control of the 18

ing the last 3 th, the wave wheel is now cleared out, and the masons commence walling it up.

WEST WHEAL TOWAN.—In the 15 fathom level, west of Caroline's shaft.

I lode has been cut into from 3 to 4 ft. wide, composed of mundle, peach, and tin, which appears to be south of anything before seen in this level. In the cross-cut driving north of the 20 fm, level, there is a tranch or lode if. wide, promising in character, and yielding tin and copper. There is a very promising lode in a winze sinking from the adit on Great Wheal Towan lode, which is turning out good stones of ore, and expected to improve shortly.

of the 20 fm. level: there is a branch or lode 1 ft. wide, promising in character, and yieldlag tin and copper. There is a very promising lode in a winze sinking from the adit on
Great Wheal Towan lode, which is turning out good stones of ore, and expected to improve shortly.

WHEAL ARTHUR.—There is no alteration in the lode since I wrote you
last. It continues very good, and we are preparing for dressing the orelas soon as possible. We shall have 40 or 50 tons for the next sale.

WHEAL AUGUSTA.—In the winze sinking under the 18 fathom level the
lode is large, with rich stones of tin. The 18 fm. level west is much improved; the lode
is 2 ft. wide, good thattuff. On the new south holde we have good branches of tin.

WHEAL CARPENTER.—Since I entered upon my situation of resident
agent at this mine, the preparations for giving it effectual trial have been steadily carried
on, and the necessary buildings for aswyers, carpenters, and blackamith's works are complete, and within the next fortnight the engine and boiler houses will also be complete.
In driving the shallow adit a very promising cross-course was intersected, which hove
the ast and west lode about 7 fathoms to the south, and in pursuance of the advice of
several mine agents who inspected the ground, some time has been expended in driving
the still also the course of the lode upwards of 35 fms. east of this cross-course, before
the situation of the steam-engine was decided upon. This operation has been very satisfactory, both in developing the continuance of a very promising lode for a considerable
length on the coat of the cross-course, and in which several good branches of copper and
lead ore were cut, and also in carrying off the surface water. Having had the benefit of
an inspection of the nime by Captain James Richards, chief agent at the Devon Consols
Mine, and conference with him, we fixed the position of the engine-loues and permanent
iworking shaft. The heavy parts of the engine colony, and although there has been
some delay in its compl

again to drive the end, where we have about 12 fms. further to drive before we cut the east and west lode which we broke the lead from in the quarry; this level will meet with the lode 6 fms. deeper than where the lead is. We have driven from the quarry shaft 6 fms. this month; and in driving 2 fms. further we shall hole to the winze, and have good air. The reason we drive those two levels is to have a ventilation for air, as we cannot drive one without the other; the bottom level will take the lode 3 fathoms deeper than the top one. We are still driving the two_levels west—the one from the quarry shaft, and the other from the quarry; the former we expect to hole to a winze sunk this month from the quarry level, when we shall have a ventilation, and good air to drive both the levels, to cut the lode in the quarry where the lead is, which will be about 10 fathoms deeper. We are driving the two levels for 25s. per fathom, and the men pay all their cost; this, I think, you will say is cheap driving—a more pretty lode cannot be seen at so shallow a depth. There is a leader against the south wall I fr. wide, composed of flookan, prian, soft beautiful spar, and mundic, with very rich spots of yellow ore in it. The lode in the two levels is looking as well as last week, or better; this lode in going west has altered its course from about east and west to about 40 south of west and north of east; consequently, we are driving in a wrong direction to hole to the adit level; the ground in the adit end appears to be softer. I think we hall have a great change there soon. When we hole the winze, we intend to drive a cross-cut north towards the adit level. As yet we have no north wall, therefore we know not how large this lode is. The ground in the adit and appears to be softer. I think we hall have a great change there soon. When we hole the winze, we intend to drive a cross-cut morth towards the adit level. As yet we have no north wall, therefore we know nor how large this lode is. The ground in the adit and appears to be

still driving wheat Baring and, and are landard stream and the lode yet good quality. I hope, ere long, I shall be able to give you reports that will be more satisfactory. I have ordered the cheque for the silver ore to be forwarded to your office.

WHEAL MARY ANN.—Pollard's shaft is sunk to the 80 fathom level; the men are still engaged in fixing the pitwork, &c., to that level, which we hope to complete in the course of a few days. The lode in the 70 fathom level, north of the shaft, is 3 ft. wide, and worth 81, per fathom; in the same level, south of Penhall's winze, it is 2 ft. wide, and worth 81, per fathom; in the same level, south of Penhall's winze, it is 2 ft. wide, and worth 81, per fathom; north of Penhall's winze it is 2 ft. wide, and worth 91, per fathom: The lode in the 60 fm, level, south of the shaft, is 3 ft. wide, and worth 91, per fathom: The winze sank under this level, north of the shaft, is 3 ft. wide, and worth 91, per fathom: The lode in the 50 fm, level, south of the shaft, is 2 ft. wide, and worth 91, per fathom; the lode in the 91 fn, level, south of the shaft, is 2 ft. wide, and worth 92, per fm. The doe in the 70 fathom level, south of Barrati's shaft, is 3 ft. wide, and worth 92, per fm. The stopes throughout the mine are usually productive. We sampled on Wednesday, the 3d inst., a parcel of lead ore, computed 85 tons, which will be sold to-morrow, the 12th inst.

WHEAL MAUDLIN.—I went thoroughly over the mine yesterday, the 10th inst, underground, and was astonished to find the immense excavations of ground there. From what I saw, I can entertain no doubt whatever but that, as soon as the necessary facilities are given, immediate returns of copper, tin, and mundle may be made; and 1 am strongly of opinion that not a moment's time should be lost in erocting one water-wheel at least, and constructing a railway. If this matter be at once proceeded with, before Christmas we should be making returns. You will have some stones of copper and the ability of the minute of the conduction of

mising nature, being composed of a light capel, very fine gossan, mundic, prian, and ore. The engine and pitwork conlinue to work well.

WHEAL ZION.—The following report, dated the 11th inst., has been forwarded by the manager:—I have just returned from underground, where I have this day set two winzes to sike on the courses of ore, one going west and the other cast, from Lemon's shaft; also to a pare of men, to rise in the east level on the ore. The air shaft, east of Lemon's whim-shaft, was holded to the 12 steel last night. Now the mine is well ventilated. In sinking the air shaft we cut some leaders of black oxide of copper, dropping into the champlon lode, and have ruised about 4 tons of saving work in sinking from 3 fms. below surface to adit, 8 fms. deep. The water in Lemon's shaft is easily kept by one barrel, and the sinking is resumed; its depth from surface is 16 fms. Bray's shaft is recommenced sinking, and we hope to get to the 20 fm. level in six weeks, where a junction of the champlon and another lode is expected to produce a course of ore. In Richards's shaft we have good dredge work of yellow ore at 8 fms. deep, and have cut a lead lode, intersecting the shaft, of a very promising character. The new engine-shaft is timbered 5 fms. deep, and sunk i fm. below the timber. At grass we have over 30 tons of ore, and daily adding to the quantity. We have commenced preparations for sampling, which we purpose to lave on the last Friday in this month. The counting-house is nearly finished, and smith's shop ready for operations. Altogether, we may consider ourselves in a state of successful advancement.

FOREIGN MINES.

ALTEN MINES .- [Report from the 14th to the 28th August.]

ALTEN MINES.—[Report from the 14th to the 28th August.]

Raipas.—The several workings have latterly been very fluctuating, and the improved prospects reported by last post have again deterlorated. The lode in the winze under the 20 is small and poor, but the indications are still favourable, and in the course of next week we hope to be able to commence driving a level, in anticipation of intersecting the continuation of No. 11. The stopes west of Monk's shaft are now very poor, and their further exploration will be suspended next month, if no greater improvement be found in the meantime. We are now returning the produce to the smelting-house, and hope to hand you the result by next post.

United Mines.—The prospects of these mines continue favourable, and some exploratory workings at the surface have yielded fair returns of ore. The level driving towards the new lode is making good progress, and in the course of a few days we expect to cut this lode, when we shall be able to speak more decidedly of its prospects. In driving this lovel, when we a hall be able to speak more decidedly of its prospects. In driving this lovel, when we a hall be able to speak more decidedly of its prospects. In driving this lovel, when we have a shall be able to speak more decidedly of its prospects. In driving this lovel, when we passed through another promising lode of iron pyrites, about 2 ft. while.

At Woodfall's, the tribute returns are rather less than expected, but the prospects are still very fair.

Old Mine.—The workings at this mine continue good, and the returns are equally astingtic and the prospects are still very flattering. The lode in the shaft is rather mundicy, but the average returns from this place are about 2 tons of ore per fm., of 5 per cent. The ground in the deep add is more favourable than last reported, and the men are making better progress. Michel's.—The workings at this place are confined to the back of the new lode with two tributers; the returns are small but remunerative.

Maneur's.—The prospects of

QUÆNANGEN MINING ASSOCIATION:-

QUÆNANGEN MINING ASSOCIATION:—

Since my last report some favourable changes have taken place in the prospects of the mines. In the workings on lode C, the lode has improved in a very remarkable degree; it is larger and more productive than for some time past, and the prospects are now much more favourable than at any time since last year. At present, however, it would be rather premature to offer any opinion as to permanency, but judging from appearances, we have every reason to expect remmerative returns from this working hereafter. The lower workings on this lode have also improved, but the great quantity of water running into the mine, occasioned by the long continuance of heavy rains, renders it advisable to suspend this working until the water has again subsided. The sink on the new lode has yielded a small quantity of ore, and the lode is looking rather better, but the prespects are less favourable than we could wish to see them. The new working between E and F has improved, and the prospects are at present very flattering. In the adit level, on E, the lode is much as last reported. The orey part of this lode is somewhat larger than before, but the ore being mixed with a coarse whitish mundle is not quite so good. The men are making good progress, and, on the whole, the prospects must be considered as rather improved. The new lode, near Badderen River, is also looking much more promising; it is now very large, but the ore is greatly disseminated, which will render the quality rather inferior to what we could expect, had it been found in a solid mass. As soon as we have uncovered the back, a bargain will be set to four men for exploring thiode, and getting under cover for the winter. The prospects of this place are very cheer ing, and the returns are at present remunerative. About 8 tons of ore are now broughdown to the shipping place, and in the course of a few days we hope to have a cargoready for the sloop.

at the lode in the sh aft; looking, too, at the general promising indications of the lodes and strata, and the fact of their being intersected by the same cross-courses as have produced such extraordinary results at the Dovon Consols Mines, and reading the favourable opinions expressed by the reports of the above-named Capts. Richards and Key, and sho of Captains Secombo, of Wheal Franco, Mr. Jehn Hitchins, and Mr. Evan Hopkins, founded on those indications, beg to express my own confident opinion that this mine is well worthy of the spirited trial you are now giving her, and my firm belief that she will amply repay the outlay of spiral required, and prove to be one of the dividend paying mines of this district.

WHEAL CREBOR.—The engine, &c., is 80 far progressing, that I think there is no doubt of our puting the engine to work by the day named in my last report with the standard of the standard

thousand tons of jacotings from so small a produce speaks for itself; and has not only disappointed you and myself, but every one in this country, who have any knowledge of Gongo. At Bananal, too, we are very poor indeed; and the ground above the 24 fathom level, having been thoroughly searched, holds out but very little lopes of success from that quarter. The only chance we have is the ground below the 24 fm. level, in which there are some promising veins, as previously reported to you; but, how much deeper these will be productive is quite an uncertainty. We are making good progress in the preparatory works for developing the ground. The shaft is now 6 fms. below the 24, and the ground tolerably favourable for sinking. The water is very much increased, and is a great impediment to us, which is fully explained in the captain's report. To continue sinking I have been obliged to borrow a small stream of water. A great many fathoms of ground have been exeavated on the veins to the north of Wray's, but without making any discovery. We still continue to drive the adit northward; but hitherto without any encouragement of consequence. In fact, our prospects throughout here, with the exception of the ground below the 24 fm. level, are very gloomy indeed, although the Santa Rits formation promises fair produce per ton. No great result must be expected from it, as the very small stream of water will only allow a very limited quantity of stone to be reduced in a day; but in the rainy season there is sufficient to turn a large stamping power."

LINARES MINES.—The following has been received from Mr. H. Thomas:

Linares, Aug. 30.—The 55 fm. level, west of Wilson's shaft, has been driven during the month 5 fms. 1 ft. 9 in., on a lode worth from 2 to 3½ tons per fm., being now worth 3 tons per fm. The stopes in this level east, being about 4 fms. high above the bottom of the level, are now worth from 5 to 6 tons per fm., taking one part with another. The 45 fathom level, driving west of San Juan shaft, has been extended during the month 11 varas 0 ft. 4 in. In the 45 fm. level, driving east of Shaw's shaft, the lode during the past month has been worth from 1 to 2½ tons per fm., and is now worth about 2 tons per fathom. The clearings in the 31 fm. lovel, cast of Shaw's shaft, measures for August 4 fms. 2 ft., 6 in. The workings still continue extensive, and probably will be found so othroughout most of the eastern part of the sett. The old shaft clearing up east of this end is down to no fms., and we are in hopes, ere long, of encountering such an extension of the workings as will enable us to make prompt communication for ventilation, so as to put down the necessary winzes under the 31 fathom. level, and prove this probably valuable part of the mine with more speed than can be accomplished by solely driving the levels from one point only. In the 45 fathom level, west of San Juan shaft, the men have nearly completed cutting the winze plat, preparatory to cutting a winze under the level. The tribute pitches are generally looking favourable,

Lead ore weighted in to Aug. 30, 40 tons 14 cwts.: total in stock, 743 tons. Pig-lead smelted for the week, ending Aug. 30, 25 tons 6 cwts.: total in stock, 731 tons 16 cwts.

ROYAL SANTIAGO MINING ASSOCIATION—[Received Sept. 6.]

Cobre, July 30.—The water has continued to rise in the 22 fm. level, notwithstanding LINARES MINES .- The following has been received from Mr. H. Thomas:

ROYAL SANTIAGO MINING ASSOCIATION—[Received Sept. 5.]

Cobre, July 30.—The water has continued to rise in the 22 fm. level, notwithstanding all our efforts to keep it under; it is now 4½ ft. up in the level. We are fixing a 6-bucket lift in Perseverancia shaft, to be worked by a crank fixed to the axil of the whint li is a temporary arrangement, and we hope we may succeed so far as to fork the water from the 22 fm. level; we have only to lift it to the 10, but have to fix two lifts, half the depth being underlie, the other perpendicular. In addition to this hindrance from the water, an apidemic is prevailing throughout the province, which for some days past has confined nearly half of our negroes to the hospital. The number there to-day is reduced to 62. It has attacked equally the natives and Europeans, those lately arrived in the country only appearing to escape. In consequence, all the mine stations are suspended, except Taylor's shaft, the stopes, and the 10 fm. level. Taylor's shaft is 7 ft. under the 15 fm. level; the lode is 2 ft. wide, with a leader of ore 6 in. wide; it is similar in appearance to the lode in the 22, except being harder for breaking. We are also sinking a winne about 8 fms. west of the shaft under the 15 fm. level, it is 6 ft. deep, lode not so productive as it was in the level. The stopes are already 15 fm. west of Taylor's and per fm. for 2 fms. high. The lode stuff is coarse and very full of mundic; with all our care, I fear the dust ore will be found of low produce, and the ragging latterly is not above 18 per cent. I expect the raisings for July will be 170 tons, and 5 tons of precipitate.

ST. JOHN DEL REY MINES.—[Received September 10.]

Morro Velho, July 8.—Produce for June, 24,651 oltavas, equal to 236-82 lbs. trop—

ST. JOHN DEL REY MINES.—[Received September 10.]

Morro Ve/ho, July 8.—Produce for June, 24,651 oitavas, equal to 236 82 lbs. troy—
24,991 oitavas from 6644 tons of ore, yielding 37 oitavas per ton; 60 oitavas from the
arrastre, yielding 948 oits. This is the worst produce, with the exception of Jamary,
that we have had during the last six months. This unfortunate result is owing—firstly,
to the accident which occurred on the Crystaes Rego, by which we lost three-quarters of
a day's stamping, or about 700 oits, of gold; and, secondly, to the inferior quality of the
ore from the mine, which bad effects will be gradually diminishing, yet I fear it may be
three or four months before we shall be quite free from them—say, about October, when
Capt. Treloar confidently says that the gold returns will thenceforward frequently exceed the highest on record.
Stamps working during the month, average 115 33 heads. The supply of ore from the
mine has sufficed for their requirements.

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UNITED MEXICAN MINING ASSOCIATION:-

UNITED MEXICAN MINING ASSOCIATION:

Guanazuato, July 28.—Mine of Rayas.—The customary monthly report on the mines generally by Mr. Parkman is herewith enclosed. The produce of the mine has been maintained throughout the month as regards quantity, but the quality of the ore has declined. In the workings of La Purisima the falling off adverted to in the letter of last month has continued, while in those of Santo Torthlo the improvement has not been of such a character as to replace in any way the absence of yield in other hitherte productive points. The slight variation in "buscones" sales may be rather attributed to a difference in the prices paid than to the quantity extracted by these workmen. The result of operations for the months of April, May, and June, slow a loss of 832,905 56.

ALDANA.—The operations of the months of April, May, and June, slow a loss of 832,905 56.

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ALDANA.—The operations of the months of the development of those undertakings of the company which present a more immediate prospect of produce.

Jesus Maria y Jose.—I am most happy to be able to report that in the cross-cut of San Ricardo we have met with ore, which, although at present of a low ley is so situated, and presents such appearances, as to warrant most cheering hopes for the future. With a view to the most expeditions and economical exploration of this point, I have discontinued the cross-cut of San Ignacio, and directed my principal attention to the working of this portion of the mine.

Mina Grands.—The further exploration of the cross-cut in La Bornba has manifested that the deposit of ore, adverted to in the letter of last month, is not of a decidedly formal character; but as it has not altogother disappeared from the voit, a reasonable hope may be indulged that it may be again met with, and in larger quantities. In San Jose the limited workings of

The naciondas continue in full employ, as before stated. The price of forage is malingianed at the same exorbiant rate. —Captain Fabrica.

The following is the report on the state of the workings in the several mines belonging to the company:—

Rayas.—The workings where buscones are employed continue poor, and present no probability of improvement, owing to the exhausted state of all those portions of the mine. The aggregate of sales in the last four weeks is \$3042 1.

The Frente de Santo Torbio has advanced \$91 varies, and continues in ore somewhat ramified, and of a low average ley, but with some narrow threads of ore of a much better class. The pozo mentioned last month as being opened in this level, called La Parisama, has declined in anking, but is still continued. Between this pozo and the present end, "Contra Ciele" and "Pozo" are now being opened, where the ore, although narrow, is of a promising character, and a fair ley. In general it is to be remembered that these workings present a favourable appearance, regarding them as speculative works, in unscapiored ground.

The works of Crucero de Sau Dirms has advanced 5°46 varus, without cutting the portion of the vein sought for. We intend continuing it for another month.

Among the workings in produce, the most important has been the Contra Ciele of La Parisima, and a portion of this must now be suspended, as we are now arrived active limits of the mines; but in this ground the ore, although abundant, has declined in quality, so much as to offer no inducement to Rayas to enter the neighbouring ground, and work out the ore on joint account of the two mines. The north-west portion of this "Contra Ciele" continues is one of an ordinary quality, and in this direction there is a "Contra Ciele" are being employed on ore, but these being mostly in pillars present no "her produced as ore as we are now active the wind the "contra Ciele" or the mines is one of an ordinary quality, and in this direction there is an

prospective interest, nor a probability of much duration. The decline in the average ley of the produce of the mine, mentioned last month, appears to be continued. The average number of barmen employed by day and night during the month has been 75, and the amount of dressed ore remitted to the haciendas 3200 cargas.

ALDARA AND LA TRISTIDAD.—These mines have been put on the most moderate possible scale of expenditure, with a view to the limitation of outlay for the present; but should, in my opinion, be worked vigorously so soon as circumstances may permit.

JESUS MARIA.—The level of San Ricardo has advanced to the south-east 11-42 varus, and has cut ore thinly scattered fitrough the mass of the vein. The vein, as well as the cre, possesses all the characteristics of La Luz voin. Bearing in mind that we have already driven in San Ignacio a distance fully safficient to have cut the vein of La Luz in the event of its passing at or near the point where all the miners of the vicinity have supposed it to exist; this improvement in San Ricardo has led me to hope that the vein called Plateros may be the great voin we are seeking for. It is certain this idea can only be admitted on the assumption of a very considerable fault or infection in the vein between this mine and the mine of San Vicente. That the vein in question is subject to remarkable inflexions in its line of bearing, we have repeated proofs in the Mine of Sant Lucis, which were observed with the more care as they have been the richest points known in the mine. As to faults we have on positive proofs, but the surface pressits many probabilities that ore exists in the mine of La Trinidad. In consideration of the above-mentioned important points we have found ore and a more promising vein than was expected in San Ricardo; that on the opposite side, where we were looking for La Lux vein, we have found nothing, although we have driven what is considered a sufficient distance; and adding to these circumstances the necessity of reducing expenditure, that she cono

A case of some importance has been argued before Mr. W. M. Praed the judge of the Plymouth County Court, wherein John Wedlake, Wm. Dunstone, William Holman, Thomas Trace, William Leigh, and James Dunstone, William Holman, Thomas Trace, William Leigh, and James Rule, miners, sought to recover 40l. 10s. from Thomas Sarjent, for sinking a shaft in Ivey Tor Mine, South Tawton. Mr. G. Gidley appeared for the plaintiffs, and Mr. Edmonds for the defendant. The defendant was sued as an individual shareholder in the concern, and the plaintiffs recovered only 8l. on account of the job, which was undertaken to be done for 50l., with an allowance of 10s. for coals, in addition. It appeared that Hawton Vivian, the captain of the mine, had entered into the agreement, on behalf of the company, and at the winding up of its affairs he received a sum of money to discharge the outstanding liabilities, and although the present debt was then in existence, he denied the legitimacy of the plaintiffs' claim, and it was overlooked: he was now, however, the printhough the present debt was then in existence, he denied the legitimacy of the plaintiffs' claim, and it was overlooked: he was now, however, the principal witness in the case, and he himself proved that he advanced the money to bring the present action. Mr. Edmonds, in defence, put in a release, and proved by evidence that one of the plaintiffs was now in Australia, so that his consent for the present proceedings could not have been obtained, and he also showed that the consent of Dunstone had not been given. By the books of the company, 8l, was said to be due to the men—the balance having been paid on their account to some shopkeepers, with whom they had contracted debts while at work. His Honour deferred his judgment.

The Dryon Copper Ore Smelting Company.—It has long been a source of regret (and to many not unmingled with surprise that modern science should not have found a remedy) that the immense piles of halvans around the shafts and underground, at all the copper mines in Cornwall and Devon, known to contain copper ore and arsenic, should not be turned to account. This unproductiveness has hitherto arisen from the per centage of metal in these poor ores not being sufficient to cover the expenses of smelting; but by a recently adopted process, known as Todd's patent, not only the copper and arsenic, but all other chemical products, are separated and rendered available, at a cost not exceeding the value of the arsenic alone, leaving the copper and other substances as profit on the transaction. We have before us a prospectus of a company, divided into 12,000 shares, of It each, formed for the purpose of working the patent on a large scale: arrangements, on favourable terms, have been made with the patentee, who will take an interest to the extent of 2000 shares; and from fair estimates made, it appears a profit may be realized of upwards of 100 per cent. on the cost. The copper regulus produced by this process is of about 6 per cent. for copper, realising about 4l. per ton; and the works at Bissoe, where the success of the patent has been proved, will be at the company's service, until more extensive premises are erected, so that they may commence working as soon as the company is established. THE DEVON COPPER ORE SMELTING COMPANY .- It has long been a source

MINING NOTABILIA. [EXTRACTS FROM OUR CORRESPONDENCE.]

DEVON BURRA.—The operations at this mine are proceeding with great spirit. The adit is being driven west on one of the large southern lodes, from which beautiful gossan and yellow ore are being raised. Another adit is being driven northward, to cross-cut four or five lodes, at a depth of about 25 fathoms; and the ground has also been costeaned and the lodes opened on east and west, preparatory to the sinking of the engine-shaft. A 40-inch cylinder engine is to be erected immediately, which will command several of the lodes; and there is no doubt but that at 10 fathoms from surface large returns will be made. The large rocks of grey oxide of copper, and fine stones of the yellow sulphuret, are now unpacked, and may be seen at the offices of W. E. Bell, Esq., St. Dunatan's Hill, Lower Thames-street.

W. E. Bell, Esq., St. Dunstan's Hill, Lower Thames-street.

NORTH TRELAWNY SHAPE-LEAD AND COPPER MINE.—This sett is situat in the parish of Linkinghorne, and manor of Rillaton, in the county of Cornwal between the Callington and Caradon districts, with Trelawny to the south, and in the neighbourhood of Caradon Wood, Westgate, and Great Phonix. The prospectus informs us that the Trelawny silver-lead and Caradon copper lodes traverse the sett, the ore from the Differ generally producing from 50 to 60 czs. of silver to the ton. The mine is about four and a half miles from Callington, and five from Liskeard, with every facility for transit of ores and materials, and the River Clino runs through the sett, affording sufficient power to go down 100 fathoms, without the aid of steam. It is held on lease for 21 years, under the Duchy of Cornwall, at 1-15th dues. It is proposed to divide the mine into 16,000 shares of 10s. each, and to issue scrip to that extent, 8000 to be sold to the public, and the remainder, or 4000\(lambda_t\), to be held by the present proprietors in consideration for the sett, labour already performed, and materials.

WHEAL SAMSON (St. Teeth and Endyllon).—This mine, the operations of

n consideration for the sett, labour already performed, and materials.

Wheal Samson (St. Teeth and Endyllon).—This mine, the operations of thich were suspended in the year 1847, has again resumed its workings, with capital estimated to be fully sufficient for all the requirements of complete mid efficient working. The constitution of the mine is such as to provide that to debt whatever shall be allowed to remain unpaid beyond the month—that to debt whatever shall be attached to the holders of the shares—and that to call shall be made thereupon. A report of the mine and its present prospects will shortly appear in the Journal.

WHEAL TREASURY.—From statistical accounts now before us, we find that of 122 mines worked in Cornwall from 1832 to 1841, which sold more or less ores at the public ticketings, 41 ceased working during the time; and none of them appear to have kept up to the suspension of their sales of copper but Wheal Trensury. The greatest sales of the 40 mines in the last year (although some of them good mines previously but much described and the same of them good mines previously but much described. Wheal Treusury. The greatest sales of the 40 mines in the last year (although some of them good mines previously, but much deeper) only returned 70007. To 80004, while Treasury ores amounted to 14,5212 3s. 6d., having increased, instead of diminished, on the previous year 9001. The deepest part of the mine is only 110 fms., and several courses of ore, left in the bottom levels, are also gone down in the bottom, while Crenver and Wheal Abraham, one of the richest mines in the county, which adjoins Wheal Treasury to the south (and whose lodes are parallel, and not more than 200 fathoms distance), are sunk to 240 or 250 fathoms, and about to be resumed again; thus plainly showing that Treasury can only be just in her infancy, compared with other mines in the neighbourhood. To the north and adjoining is Unity Consols; to the west is Wheal Tremayne, West Treasury, and Lewis Mines; to the east, bounded by Clowance, the seat of the treatment of the property of the seat o

ACCIDENTS.

Combinsions.—At Hamilton Farm Pit, be onging to Colin Dunlop and Co., Clyde Iron crks, a boy, 12 years of age, while in the act of oiling the engine, was caught with the sam and bruised to death.

phibridge.—J. Ibbotson was killed from the effect of a large stone, weighing upwaif a ton, falling upon him in a stone quarry in Beeley Wood, near Cughtibridge, had been loosened by blasting, and he was imprudently attempting to liberatifs unexpectedly fell upon him, and death ensued almost immediately.

Current Brices of Metals, Stocks, & Shares,

METAL MARKET, London, September 19, 1851.

ENGLISH TRON. a per ton.	Tile £8			-
Bar, bolt, & square, London £5 5-5 7	Old coppers per lb.	8		
Nail rods	Yellow Metal Sheathing	720		
Hoops 7 0 0-7	Wetterstedt's Pat. Metalt Cwt.	111	0	
Sheets (singles) 7 12 6-7 17 0	FOREIGN COPPER.			
Bars, at Cardiff & Newport 4 10-4 12 6	South American, in bond 7	0.	-87	-
Refined metal, Wales* 3 0 0-3	ENGLISH LEAD. g			
Do. anthracite* 3 10 0	Pigper ton I'	0	0	
Pigs in Wales 3 0 0	Sheet		0	
Do. do. forge 2 5 0-2 10	Pipe 19		0	
Do., No. 1, Clyde .net cash 2 0 0-2 0 6	Red lead 19		0	
Blewitt's Patent Refined Iron	White ditto 24		0	
for bars, rails, &c., free on } 3 10 0	Patent shot 20		0	
board at Newport* J	FOREIGN LEAD. A			
Do., do., for tin-plates, boiler } 4 10 0	Spanish, in bond 17		0	
plates, &c., ditto	Spanish, in bond	v	U	
Stirling's Patent 7 in Glasgow 2 15 0	ENGLISH TIN. i			
Toughened Pigs 5 in Wales 3 10-3 15	Block per cut. 4	4	0	
Staffordshire bars, at the works 5 5 0	Bar 4	. 5	0	
Rails 4 17 6-5 10	Refined 4	10	0	
Chairs (Clyde) 4 0 0	FOREIGN TIN &			
FOREIGN IRON. b	Banca, H. C 4	0	0	
Swedish		19	0	
CCND17 10 0	TIN-PLATES. 2		-	
PSI	IC Coke per box 1	A	6	
Gourieff	IC Charcoal 1	9	6	
Indian Charcoal Pigs in London 5 10 0	IX ditto 1	15	6	
Indian Charcoas 1 igs in London 5 10 0		10	0	
FOREIGN STEEL, C	SPELTER. m			
Swedish keg 14 10 0	Plates, warehoused per ton 14	5	0	
Ditto faggot 15 0 0	Ditto, to arrive 14	5	0	
ENGLISH COPPER. d	ZINC. n			
Sheets, sheathing, & bolts, p. lb. 0 0 94	English sheet per ton 21	0	0	
Tough cakeper ton 84 0 0	The state of the s	6 6 d		H
Tought cameper ton or o		0.00		
Towns - a 6 months or 21 per cent dis	b ditto : e ditto : d 6 months or	2 nos	ret	d

Terms.—a, 6 months, or $2\frac{1}{2}$ per cent. dis.; i, ditto; i

Welsh Bar-Iron is in good demand, but the accounts received from New York bring ower quotations and a dull market.

Staffordations and a dull market.

Staffordations and a dull market.

Staffordations and a dull market.

Scotch Fol-Iron.—This article has shown considerable activity during the past week, and large purchases have been made, but mostly on speculation; the Scotch founders revery full of orders. The accounts by the mail, from New York, report large sales. No. 1, American brands, may be quoted at 41s. free on board, in Glasgow, storckeepers' warrants. Ordinary brands, makers' obligations, 39s. 6d.

Swedien Rook is more inquired after.—Swediens Streel is in fair request. Copper.—There is but little doing for export, but the home demand continues good. Bartish Tin.—Common is less in request. Refined continues scarce.

Foreign Tin.—Several parcels of Straits have been pressing on the market, but have seen taken by the dealers at 78s. 6d. to 79s., according to quality.

Spelter..—50 tons have been done at 14t. 2s. 6d. for September and October shipments from the German ports. There are large buyers, at a slight reduction from the resent prices.

oresent prices.

LEAD.—There has been some large purchases made on Russian account. The last accounts from the United States bring lower rates, and holders had to submit to a reductive Trix-PLATES are less in demand.

MINES.-There has been more business in the market this week, and prices tolerably firm for dividend mine shares, also for bona fide young adventures, which are being worked under the management of respectable parties. We are, however, sorry to observe that there are several very partially-tried mines, if they can be so called, which have been forced up partially-tried mines, if they can be so called, which have been forced up to most unreasonable prices. We can only again caution our readers not to embark in purely speculative concerns, at high premiums, without competent advice, or they will most assuredly regret it. The committee of the Mining Exchange will do well to turn their attention to the promised "weeding," and strike out of the Share List all such clandestine abortions (miscalled mines), and marking the remaining ones at their fair and just market value. Until such a climax is arrived at, doubt and difficulty will be the result; and this prevents brokers and dealers from carrying out their own and their clients' business. The dividend list contains only 60 mines; the non-dividend, 304—conveying thereby to the would-be specutheir own and their clien's business. The dividend list contains only 60 mines; the non-dividend, 304—conveying thereby to the would be speculator an idea of the large number of blanks and a paucity of prizes. Not so, as a very large number at present in the list ought never to have appeared even in print. If the Mining Exchange Committee will not perform its promise, then is it high time that some other competent authority should be found to place mining upon better and more truly legitimate grounds. This is the "one thing wanting." They have the power and the means; then, why not use it? It is a duty they owe to the public, who now look alone to them to perform that duty; neglecting which, parties will continue to foist upon the public notice schemes of their own evil concocting, affixing their own price for the shares. And the evil does not end there: they nominally issue shares at 11 paid, and have only to quote them at 101 each, and get from those who are silly enough heedlessly to embark therein enormous profits, before one cance of ore has been extracted—in some cases, before a pick has been employed in exploring the lodes beneath the surface.

The members of the Mining Exchange are about holding a special meeting for revising their rule charging an annual subscription of 81.8s.—the intention being to reduce it to a minimum sum, consistent with securing a respectable body, and to meet the necessary expenses.

In the Metal Market,—Copper is in good demand.—In Lead, a considerable business has been done, at steady prices.—English Tin is without material change. Foreign is very flat, almost unsaleable: a parcel of 500 slabs, Straits (round bottomed), were offered yesterday, and withdrawn 500 stabs, Straits (round Sottomed), were othered yesterday, and whitdrawn at 791.—the highest biid being 771. 10s.—A large business has been done in Scotch Pig-Iron, at full prices. A rise in price is anticipated—some large orders for castings are in the market.

The price of gold in bars (standard) is 31. 17s. 9d. per ounce; silver in bars (ditto), 5s. 0\frac{2}{3}d. per ounce; and new dollars, 4s. 11d. per ounce.

bars (ditto), 5s. 0gd. per ounce; and new dollars, 4s. 11d. per ounce.

The Linares silver-lead ores (say 91 tons 17 cwts.) were sold yesterday, by tender, to Messrs. Sims, Willyams, and Co., at 11l. 1s. 6d. per ton. The biddings were—Sims, Willyams, Neville, and Co., 11l. 1s. 6d.; Locke, Blackett, and Co., 10l. 10s.; and Thomas Somers, 10l. 5s. 6d. The piglead, not being tended for in accordance with the conditions defined in the advertisement, was withdrawn.

The ticketings for 100 tons of Newtonard's (Isle of Man) lead ore ranged—Pontifex and Wood, 8l. 9s. per ton, to that of Walker, Palker, and Co., 10l. 1s. per ton.

104 1s. per ton.

Daren Mine sold 10 tons of silver lead ore on the 5th, at 13l. 13s. 6d. per ton, to Messrs. Walker, Parker, and Co.
Wheal Trehane sold 56 tons of lead ore to Messrs. Joshua Walker,
Parker, and Co., at 201. 14s. 6d. per ton—the lowest tender was that of R.

Michell and Son, 18t. 9s. 6d. per ton.

Wheal Mary Ann sold 85 tons of lead ore, at 20t. 17s. 6d. per ton.

Merllyn Mine sold 40 tons of lead ore on the 11th, the produce of

111. 1s. per ton. Driggith Mine sold two parcels of lead ore-18 tons at 121, 7s, 6d., and

Driggin Aine soid and passet to the state of the soil and tons at 114.9s. to Messrs. Newton, Keates and Co. The bottom leve driving eastward has now drained the eastern ore ground, and conse

driving eastward has now drained the eastern ore ground, and consequently they will now increase the returns and profit.

Herodsfoot Mine sampled 55 tons of lead ore.

Tamar Silver-Lead Mines sampled on Saturday last two rich parcels of ore—No. 1 computed 51 tons; No. 2, 52 tons. In the 205 fathom level south the lode is 1 ft. wide, rich work.

Wheal Golden a parcel of lead, computed 56 tons, was sampled on

the 2d instant.

The Callington Mines expect to sample 45 tons of silver-lead ore on the 20th, and on the 26th about 50 tons of copper ore.

East Wheal Leisure has about 113 tons of copper ore ready for sale.

East Wheal George sampled August ores on the 6th inst.—14 tons.

203 cuts, of copper ore.

The arrivals at Swansea include—from Algiers, 165 tons of copper ore; from Rouen, 55 tons copper ore; and from London, 300 tons copper-ore.

Drake Walls Mines have sold 20 tons of tin, which realised 9694 12a. 6d.
7 tons at 52l., 3\frac{3}{2} at 49l. 17s. 6d., and 3 at 42l. 15s., to the Union Company; 3\frac{1}{2} to the Bissoe Company at 49l. 17s. 6d.; and 3 tons to Carvedra Calenick, and Trethellan, at 42l. 15s. per ton.

Georgia Consols sold two parcels of black tin—nearly 8 tons at 52l. per ton, and a small parcel at 32l. 10s. per ton.

Wheal Ruth sold a parcel of black tin, which realised 51l, per ton.

At Wheal Harriet they have 10 tons of copper ore ready for sampling on Tuesday week. A steam-engine has been purchased for 400l., and at the house is ready for its reception, we expect to hear it has gone to work by the 1st November. by the 1st November.

the house is ready for its reception, we expect to near it has gone to work by the 1st November.

At East Wheal Rose meeting, on the 5th inst., the accounts showed—Balance last account, 2491l. 6s. 2d.; lead ore sold, 8716l. 13s. 8d.; mundic, 14l. 10s. 6d.; Cargoll adventurers for supplies, water charge, &c. 151l. 12s. 4d.=11,374l. 2s. 8d.—Labour cost for May, 2160l. 19s. 10d.; labour cost for June, 2143l. 4s. 8d.; dividend, 1600l.; merchants' bills, 1545l. 12s. 10d.; coal and carriage, 545l. 6s. 11d.; income tax, 200l.; due, 644l. 18s. 3d.; discount on ore bills, 27l. 14s. 8d.; carriage of ore, 110l. 1s. 4d.: leaves balance, 2396l. 4s. 2d., the profit on the two months being 3901l. 2s. 2d. A dividend of 12l. 10s. per share was declared. It has been found necessary to increase the power of one of the pumping ongines against the approach of the winter season, arrangements for which have been partially effected, involving a considerable expenditure.

At North Roskear meeting, on Monday, the accounts for June and July showed—Balance last account, 1550l. 10s. 4d.; ores sold, 4562l. 12s. 11d.=6113l. 3s. 3d.—Mine costs and merchants' bills, 3583l. 10s.; by dividend of 6l. per share, 840l.: leaving balance in favour of adventurers, 1689l. 13s. 3d.

At the Wheal Russell meeting, on Thursday, the accounts showed—Balance from last account, 61l. 5s. 4d.; labour cost, April, 186l. 7s. 2d.; May, 269l. 4s. 2d.; June, 205l. 17s. 3d.; July, 187l. 8s. 3d.; merchants' bills, 1954. 4s. 2d.; dues, 55l. 18s. 11d.=116ll. 5s. 3d.—Received of East Russell adventurers for part of sett, 400l.; received of West Russell for part of cost of the mine, four months, 204l. 4s. 8d.; received for copper ore and carriage, 554l. 6s. 11d.; labance to next account. 10. 0s. 6d. Various.

of the mine, four months, 204l. 4s. 8d.; received for copper ore and carriage, 556l. 0s. 1d.; leaving balance to next account, 1l. 0s. 6d. Various propositions for working the southern part of the sett having been laid before the meeting, it was resolved to submit the same to a committee of six persons, who are to report thereon to a general meeting of the adventurers, to be held on the mine on Wednesday, the 17th inst., at 1 o'clock. A cal to be held on the mine on Wednesday, the 17th inst., at 1 o'clock. A call of 4s, per share was made. The engine-shaft is sunk to the 60 fm. level, and they are driving south to intersect the lode; should the south lode underlie continue, there will be 18 fms. to drive, and require three months to accomplish. The 48 fm. level has been driven east on the south lode to the cross-course; the lode for the greater part produces good stones of ore, but not to the amount anticipated; it has been continued east to the cross-course on the north lode; the lode throughout proved very small, but with a rich leader of ore. West, the level has been driven into West Wheal Russell has rething of importance met with. The pitches for some time course on the hours of the architecture of the course of the hours of the course of th past have been rather poor, About 40 tons of ore are broken on the mine, was 3 to 4 tons per fathom. About 40 tons of ore are broken on the mine, was cannot be dressed, as the whole power of the wheel is required for pumping water and drawing stuff. A new wheel, of 45 feet diameter, by 4½ feet breast, is now in course of erection, which is expected to go to work about the property of the mouth.

breast, is now in course of erection, which is expected to go to work about the end of the month.

At Wheal Catherine meeting, on Tuesday (Chas. J. Wicker, Esq., in the chair), the accounts showed—Deposit on 1024 shares at 10s., 512!.—By water-wheel, 48!. 10s. 4d.; advertising, 11l. 9s.; printing, engraving, &c., 11l. 10s.; May and June cost, 394. 8s. 9d.: leaving balance in hand, 401l. 1s. 11d., which accounts were received and allowed, and ordered to be inserted in the cost-book. The leat has been cleared and repaired for 300 fms. in length, a flap-jack engine erected and set to work, the lift dropped to bottom, shaft timbered, two lodes discovered in the adit, one east and west, the other north and south, both with a kindly appearance. Smith's shop and other buildings are in course of erection. A pile of lead ore has been risen, and the parties congratulate themselves at no distant period on having a most profitable concern. They are costeaning for the purpose of discovering other lodes.

At the Appledore Silver-Lead Mining Company's meeting, on Monday (Richard Hallett, jun., Esq., in the chair), the accounts showed—Balance in hand last account, 2534.0s. 7d.—Labour cost for June, 112l. 13s. 8d.; July, 110l. 3s. 7d.; merchants' bills, 116l. 13s. 3d.: leaving balance against the mine, 86l. 9s. 11d.; printing and office expenses, 9l. 12s.; estimated costs for August and September, 300l.: making liabilities 396l. 1s. 11d. A call of 10s. per share was made. The committee was re-elected for the next two months. The engine-shaft is being sunk to the 30 fm. level, where it is expected to cut the lead lode. The engine was started on the 4th instant, and continues working well. It is confidently anticipated of realising the expectations of turning ont a most valuable concern. Great praise is due to the agent, Capt. R. Dunstan, for his perseverance in brincipal of the process of turning ont a most valuable concern. Great praise is due to the agent, Capt. R. Dunstan, for his perseverance in brincipal concern.

th instant, and continues working well. It is confidently anticipated of realising the expectations of turning out a most valuable concern. Great praise is due to the agent, Capt. R. Dunstan, for his perseverance in bringing this mine into its present state in the short time since its commencement. At the Wheal Carpenter general meeting, at Tavistock, on Tuesday (George Whitmore, Esq., in the chair).—The accounts, which had been audited by the committee were submitted and passed, showing—Balance at bankers at meeting on 8th April like, 81t. 7s. 1d.; last call of 1t. per share paid, 974t. (leaving only 50 shares in arrear for that call): together, 1055t. 7s. 1d.—By working costs for five months, including agents' salaries, &c., 449t. 10s. 9d.; steam-engine and merchants' bills, 596t. 9s. 8d.= 1046t. 0s. 5d.: leaving balance at bankers in favour of company, 9t. 6s. 8d. The liabilities over assets (including costs for August, merchants' accounts. 1046. 0s. 5d.: leaving balance at bankers in favour of company, 9. 6s. 8d. The liabilities over assets (including costs for August, merchants' accounts, and completion of engine and pitwork), amounted to 431l. 2s. 6d., to meet which, and to prosecute the works, a call of 1l, per share, payable by two equal instalments, was made. The report of Capt. Lean was very encouraging, and he produced some rich stones both of lead and copper ores, raised from the bottom of the engine-shaft, only 4 fms. deep. He says the engine will go to work on the 1st of October, and expresses a confident opinion, for the reason stated in his report, that this mine will well repay the spirited manner in which it is working, and become one of the dividend-paying ones of the valuable district in which it is situate. An assay has since been made of the lead ore, and the produce is 14\frac{3}{2} in 20 for lead. dend-paying ones of the valuable district in which it is situate. An assay has since been made of the lead ore, and the produce is 14\frac{3}{2} in 20 for lead, and 51 ozs. of silver to the ton of ore, and the gossan alone produces 11 ozs. of silver to the ton. [The resolutions and accounts appear in our advertising columns, and Captain William Lean's report among the Mining Corporations.

or silver to the ton. Later ton. Later to the ton. Later ton. Later

124. 9s. 8d.: leaving balance of 2441. 4s. 11d. The captain's report stated that the stamps would be ready in October, and a call of 14, per share, to carry out the workings with that spirit the adventure evidently warrants, was agreed to unanimously. A vote of thanks was given to Mr. Henry Gibson, the chairman and purser, for his untiring exertions in endeavouring to place the mine on a fair and legitimate standing. [The report is inserted among our Mining Correspondence.]

to place the mine on a fair and legitimate standing. [The report is inserted among our Mining Correspondence.]

At the usual bi monthly meeting of the Old Brimpts Tin Mine, on the 4th inst. (W. Wills, Esq., in the chair), the captain reported an abundant supply of orc. An additional new wheel and twelve stamps' heads were ordered for the new sett on the north lode—the stamps on the old sett not being adequate to the work in that part of the mine, there being ore at grass fully three months in advance. A call of 10s. per share was made. The mine bids fair to be soon in a dividend-paying state.

At the South Wales Mining Company's meeting, on Tuesday, the accounts showed—Balance in hand from last account, 14024. Is, 6d.—Paid Vaughan Prance, Esq., for lease, 4004; Mr. Salmon, for Dolwen, 1004; cost-sheets for May, June, and July, 1214. 0s. 3d.: leaving balance to next account, 7814. 1s. 3d. A shaft has been sunk 12 fms., where they daily expect to meet with the lode. [A full report will be found in another column.]

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At the Cyfannedd Faur Lead Mine two-monthly meeting, on Monday, the accounts showed—Cash expenditure to 31st Aug., 2581. 8s. 3d.; by calls, 250l.; balance due to secretary, 8l. 8s. 3d. The assets were: Ore in stock (say), 100l.; call made this day, 250l.=350l.—The liabilities: Balance due secretary, 8l. 8s. 3d.; estimated costs to end Oct., 150l.—158l. 8s. 3d.: leaving balance in favour of mine, 191l. 11s. 9d. Some splendid samples of ore were produced.

At the Dolfrwynog Copper Mine two-monthly meeting, on Monday, the accounts showed—Cash expenditure to 31st August, 267l. 7s. 5d.; balance in hand, 107l. 12s. 7d.=375l.—By calls, 375l. The assets were: Balance, 107l. 12s. 7d.; call made this day, 375l.=482l. 12s. 7d.—The liabilities: Estimated costs to end Oct., 250l.; leaving balance in favour of mine, 232l. 12s. 7d. Some very promising specimens of malachite were produced.

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mine, 2321. 12s. 7d. Some very promising specimens of malachite were produced.

At the Cest Cam Slate Quarry two-monthly meeting, on Monday, the accounts showed—Cash expenditure, 1111. 6s. 4d.; balance in hand, 131. 13s. 8d.=125l.—By call, 125l. The assets were: Balance in hand, 13l. 13s. 8d.=125l.—By call, 125l. The assets were: Balance in hand, 13l. 13s. 8d.=25l.—By call, 125l. The assets were: Balance in hand, 13l. 3s. 8d.; call of 2s. per share made this day, 250l.=263l. 13s. 8d.—The liabilities: Estimated costs to end October, 200l.: leaving balance in favour of the company, 63l. 13s. 8d.

At the Nant-y-Car meeting, on Wednesday, the accounts were audited and passed. The reports from the mine (a copper mine, in Breconshire) were highly encouraging. A letter was read from Capt. Edward Roberts, the company's inspector, in which he says—"We have fine solid copper ore in the roof of the adit, equal to any sample ever produced in London." The distinguishing feature of this mine is the lime stratum in contact with the lode, which is remarkably pure, and of first-rate quality for richness, and has been proved by the level at a distance of 25 fms. from the main shaft, thus ensuring abundant returns. From the discoveries made, and now daily developing, some novel and important results may be relied on. We have reason to know that the few shares which were recently in the market have been promptly taken up, and 10l. is now readily paid. We are also glad to learn that the shares are in the hands of bona fide holders, who have the means and the spirit to carry on the works efficiently. From the nature of the strata, interest will naturally be excited in the minds of persons engaged in mining enterprise.

At Great Wheal Baddern meeting, on Tuesday, the accounts showed—Balance last account, 808l. 12s. 1d.; interest and commission, 13l. 10s.; secretary's salary and incidental expenses, 42l. 10s.; June cost, 37el. 0s. 3d; July, 480l. 12s. 2d. = 1721l. 4s. 6d.—By July lead sold (less dues), 667l. 12s. 10d.; Aug., 608l. 2s.

palanee to next account, 3927. 3s. 1d.; the estimated produce of read and jack being 473l. 5s. 3d.: leaves balance of 81l. 2s. 2d. The report appears in another column.

At Wheal Comfort meeting, on Tuesday, the accounts for April, May June, and July showed—Balance from last account, 211l. 19s. 6d.; costs and merchants' bills, 1404l. 0s. 3d. = 1615l. 19s. 9d.—By ores sold (less dues), 1000l. 11s. 7d.; balance of bill of junk, 4l. 8s. 3d.: leaving balance against adventurers, 610l. 19s. 11d.

At the Great Work Tin Mine meeting, on the 26th August, the shareholders in this fortunate concern presented their managing agent, Captain Richard Blight, with a very splendid salver, of the Victoria pattern, value 30 guineas, as a token of their esteem for him, as a miner of undoubted talent, zealous in the strict performance of his arduous duties, and for his unfailing attention to the company's best interests.

At West Damsel meeting, on the 5th inst., the accounts showed—Balance last account, 49l. 1s. 7d.; labour cost for June, 40l. 3s. 1d.; July, 34l. 4s. 7d.; merchants' bills, 7l. 12s. 9d.—131l. 2s.—By call in July, 128l.: leaving balance to next account, 3l. 2s. A call of 5s. per share was made.

At the East Wheal Reeth bi-monthly meeting, on Thursday, the accounts for the last two months showed—Balance in hand, 125l. 12s. 2d; calls to receive, 270l. 3s.—395l. 15s. 2d.—Liabilities, including merchants' bills and engine, 303l. 3s. 11d.: leaving balance in favour of the mine, 44l. 11s. 4d. The affairr of the mine were reported to have been brought into a very satisfactory position.

A meeting of the Nantmelyn Silver-Lead and Copper Mine (Montro-

941. 11s. 4d. The affairr of the mine were reported to have been brought into a very satisfactory position.

A meeting of the Nantmelyn Silver-Lead and Copper Mine (Montgomery) was held yesterday (J. R. Overman, Esq., in the chair). The meeting, which occupied some three hours, did little or nothing beyond adjourning for five weeks, the object of which it is hard to determine, as the workings have been asspended at the mine. The material points may be confined to a few words. The liabilities are 2021 8s. 1d., in addition to which it was stated by Capt. Reynolds there might be 101. or 201 dne. The cost for the past month would not exceed 201 or 301, and all works had been suspended. Capt. Reynolds had been dismissed, and owed 1001 on his shares, 200 in number, and Captain Barberry appointed at 22, per month. The purser or clerk of the mine had also been discharged, and therefore the only expenses were the managing captain's and the London. Extracts from the reports were read, which are by no means creditable to the captain, whether considered in reference to his position as a practical miner, or as a recorder of facts—his reports having evidently misled the share-holders, although we do not mean to assert that such misrepresentations were intentional; indeed, the fact that he now holds one-fifth of the shares should be in itself a sufficient answer. However, there can be no mistake but that the committee were deceived; and no explanation removed the cloud which hangs over the affair. It is unnecessary to follow out the discussion, or conversation, which ensued, but from which we gathered that 7½ tons of lead ore, and 6½ tons of copper ore, were the results of an outlay of \$1207, while it was represented some months since that 600, worth of ore was at grass, and the several ends yielding 2 to 2½ tons of ore per fine, and valued at 401, to 502, her fine the running ground. It would appear that not more than 1500, to 2000, had been expended on underground works, the residue being on surface, which we presume includ

a call of 6s. per share, to liquidate the costs incurred, was resolved upon.

Respecting the meeting of Treburget Mine adventurers, noticed in last week's Mining Journal, we are informed by Mr. G. Nicolls Simmons that no legal meeting has been held since 31st of May last; that the pretended meeting in question was got up by two persons holding six shares, and who had not paid the 10s' call made at the last meeting. Mr. Simmons further states that the books and accounts are always open to any and every adventurer, and the persons above-mentioned have been repeatedly invited in vain to do so; and that he is still in advance to the mine of nearly 2001. nearly 2001.

At Alfred Consols, the lode in the boundary winze, under the 70 fathom level, has improved from 140l. to 170l. per fm. This looks well for the level coming on below.

At Bedford United, the lode in Lintern's winze, in the bottom of the

103, is 3 ft. wide, yielding from 10 to 12 tons of copper ore per fathom. The pitches look well, and the agents are confident of keeping up the pre-

The pitches look well, and the agents are confident of keeping up the present returns.

At Copper Bottom they are removing the pitwork and rods from the north engine-shaft. All parties seem to entertain a favourable opinion of the western part of the sett. May's shaft is cutting down from adit to the 10, and ground cutting for angle bob.

At Hingston Downs they have cut the lode in the 55 fathom level, and driven west about 5½ fims, yielding on an average 6 tons of good ore per fim, the eastern end now turning out 8 tons; this is driving by tributers at one-fifth tribute. The mine is better ventilated, and will doubtless increase the samplings for the time to come. They have at quay and surface, dressed and undressed, about 50 tons of ore, expecting to increase it to 80 by the end of the month. A grinder is in course of erection. The ore generally is of rich quality, and a good time seems coming to this highly promising concern. Few setts in the neighbourhood can show a teuth of such prospects, though hawking their shares at three times the price. Time will show the folly of it.

At Silver Valley and Wheal Brothers, the famous silver lode appears about to rival its former celebrity. A rich branch of silver ore discovered in new ground about a month ago, has increased, as opened upon, both in produce and richness, and the result of an assay of the ore raised on Wednesday gives 3248 czs., or nearly 2½ cwts., of fine silver to the ton of ore. Capt. Oliver Matthews, formerly for years agent of the Columbian Mining Company, superintends the works, under whose advice plans have been adopted, which guarantee the security of the valuable minerals raised. The mine has been visited by several parties this week, who state the present returns to be fully equal to the produce of the mine when formerly worked, and at its zenith. It is the opinion of experienced miners that the ore discovered is forced up from some large deposit existing in depth.

At West Phenix Mine some very fine branches have made their an-

ore discovered is forced up from some large deposite existing in depth.

At West Phoenix Mine some very fine branches have made their appearance in the shaft, containing rich spots of yellow ore.

At Treleigh Consols Mine the lode in the 90 west is 3 feet wide, worth

At Treleigh Consols attite and a state and

body of the orey vein.

At East Pool, Illogan, in the 100 fm. level, the 80, and 70 over, the resent trials on the north lode have yielded results of the most encouraging character. The mine is represented as about paying cost.

From the Kenmare Mines the report, just received, is of a highly encouraging nature. At Campbell's shaft the lode increases in size as it deepens. The north wall is regular and well-defined; it yields from 10\(lambda\) to 12\(lambda\), per fm.—good quality copper ore, paying double the expense of sinking; this promises well for the future levels under. The rise in the back of the 36 east, the stopes in the level, and those east of Lamb's winze, which is now down to the 27, are all working at a profit, though small. Every preparation is making for opening new ground, and deepening the shaft. [A full report is given in another column.]

At Condurrow, Camborne, they have a rich branch of tin in the 100 fm. level east and west, said to be worth 50\(lambda\), to 60\(lambda\), per fm.

At South Tolgus, Redruth, the rise in the back of the 54 east is worth 2 tons of copper ore per fm. The same level east and west, on Youren's lode, is looking exceedingly well.

puality ore per fm. The same level cast and west, on the cooking exceedingly well.

At Polberro Mines, the yield of tin monthly is about 26 tons. The workings are progressing steadily, and the stamps performing well.

Old Basset Mine has 10 tons of copper ore ready for marker, estimated

Old Basset Mine has 10 tons of copper ore ready for market, estimated worth 10l. per ton.

At Wheal Seton, they have a good course of ore in the 100 west towards Tilly's shaft; the lode in which for the whole length of the shaft turns out 25 tons of copper ore per fathom.

Wheal Precious has a very promising lode driving westward.

At North Basset, the report, among our British Mines, need only be referred to, showing the spirited manner in which the mine is being developed, and the ample returns that are making—the prospects being equal, if not better than ever.

At Wheal Hamlyn, they have sunk a winze 3 fm. 2 ft. west of quarry shaft, and are driving the ends both east and west, to hole to winze, and get ventilation. The lode is spoken of as being very promising for the depth; it has a leader on the south wall, 1 ft. wide, composed of flookan, prian, peach, spar, and mundic, with rich spots of copper pyrites. The lode is altering its direction, the ground appears softer, and a great change is expected soon.

lode is altering its direction, the ground appears softer, and a great change is expected soon.

Wheal Langford and Baring United expect to put the steam-engine, now erecting thereon, to work on or before Thursday formight.

We are much gratified in being able to announce that the long-pending dispute that has hitherto precluded the working of South Carn Brea is now positively estiled, a new sett granted, and a suitable engine on the eve of being placed on the mine.

We are informed that the Carn Valley Mine has been purchased, and operations commenced by a spirited London proprietary.

Shares have changed hands during the week in Alfred Consols, Tremayne, Botallack, West Providence, Bedford, Devon Consols, Trelawny, Mary Ann, East Russell, Merllyn, Wheal Venton, Boringdon Park, Trehane, Treleigh, Wheal Basset, Bryntail, Carn Brea, Treviskey, South Frances, Condurrow, Cook's Kitchen, Wheal Buller, Cefn Gwyn, South Caradon, Penzance Consols, Silver Valley, West Alfred, Hingston Down, Great Wheal Baddern, West Caradon, Wheal Russell, Hennock, South Tamay, East Tamar, and Wheal Arthur.

In Foreign Shares, transactions have taken place in United Mexican,

In Foreign Shares, transactions have taken place in United Mexican, antiago, and Copiapo.

Santiago, and Copiapo.

From the Alten Mines reports have been received to the 28th August. The returns for June and July are assaying; the result will be forwarded by next post. At Raipas the prospects are fluctuating. At the United they are more favourable. The Old Mine is making satisfactory returns. At Maneur's the tributers are returning more ore than for some time past. The report will be found among our Foreign Correspondence.

At Quaenangen Mines some favourable changes have taken place, as will be perceived by referring to another column. The workings on C lode have improved in a remarkable degree; and on E and F they are at present very flattering; these lodes are increasing in size as they hole downwards. About 8 tons of ore lie at the shipping place. A cargo for the sloop is expected shortly.

have improved in a remarkable degree; and on E and F they are at present very flattering; these lodes are increasing in size as they hole downwards. About 8 tons of ore lie at the shipping place. A cargo for the sloop is expected shortly.

The United Mexican Company have advices to the 28th of July. The quantity of ore for the month has been maintained, but the quality has declined. The quarter ending June shows a loss of \$23,208 5 6. All operations are suspended at Aldana and Trinidad for the present, as well as the cross-cut of San Ignacio. At Mina Grande, owing to the rainy season, the workings have been neither extensive or satisfactory. The price of forage maintains its exorbitant rate. A full report will be found among our Foreign Correspondence.

From Linares the report is to the 30th Aug. The lode in the 55, west, of Wilson's shaft, is worth 3 tons per fm.; the stopes are turning out 5 or 6 tons per fm. The 45, east of Shaw's, is worth 2 tons per fm. The tribute pitches generally are looking favourable. Lead ore weighted in to Aug. 30, 40 tons 14 cwts.; total in stock, 743 tons. Pig-lead smelted in the week, 25 tons 6 cwts.; total in stock, 321 tons 16 cwts.

From the St. John del Rey Mines advices have been received to the 28th of July. The produce of gold for the month of June amounted to 8976l. 18s.—Less costs thereon, 5172l. 1s. 1d.: leaves profit, 3804l. 16s. 11d. The produce of stone from the mine is of an inferior quality, and likely to remain so until October, when Capt. Troloar confidently states, "the gold returns will thenceforward frequently exceed the highest on record:" 48,221 oitavas had been sold at Rio, realising 18,816l. 18s. 2d. Stamps working during the month of June, 115-33 heads. They are preparing six new arrastres, and intend to double that number shortly. At East Cachoeira, eastward the lode is opening very favourably. The Bahu has sensibly deteriorated ever since the lode took an inclination southward. A full report will be found in another column.

From the Imperial Brazilian

HULL, THURSDAY.—Messrs, T. W. Flint and Co., state that mining shares are steady but not in active request. A few parties who can make profits upon Tremaynes, and one or two other stocks are realising them. Wellingtons are offered low. Alfreds quiet Merllyns offered at a low figure.

The French Government has just decreed that rough cast-iron (fonte brute), destined to be made up into machinery for re-exportation, is to be admitted into France duty free, whether arriving by sea or land, and whether in French ships, or the ships of the exporting country. In the latter case a declaration of the origin of the iron will be required. Sufficient security must be given for the re-exportation, or replacement in bond of the weight of metal imported.

The quantities of gold and silver continuing to arrive in this country are enormously large. The Africa, which arrived at Liverpool on Saturday, brought \$831,383 in gold, and the Baltic, which arrived on Wednesday, brought \$600,000, together nearly equal to 300,000l. The West India mail steam-ship *Dee*, which arrived at Southampton on Tuesday, brought \$1,940,222 in gold and silver, equal to 388,0451. Thus, the arrivals of gold and silver in five days amount to upwards 650,0001, and that after an influx of four millions of gold from the States, and large arrivals from Mexico and South America. The tendency of the precious metals, wherever found or produced, seems to be to England—at once the bank and the workshop of the world. This must be more and more so every year, for the exports of this country continue to increase rapidly. The value of our exports for the first seven months of 1851 was 41,512,956l., against 37,808,972l. in 1850, and 32,879,865l. in 1849.

Prof. Abbene, of Turin, has published an analysis of the coal recently discovered at Gonessa, in the island of Sardinia, from which it appears that it contains a large proportion of tar; that the inflammable gas it contains does not burn with sufficient clearness for the purposes of illumination, but that the coke obtained is of excellent quality for steamers and learnestics.

BANKRUPT'S EFFECTS.

BANKRUPT'S EFFECTS.

MESSRS. CROKER BROTHERS & CO. have received instructions from the assignees of Mr. T. Pearson, slate merchant (a bankrupt), to SELL, BY PUBLIC AUCTION, on Monday and Tuesday, 224 and 33d September, at the Cann Quarry Slate and Marble Works, COXSIDE, PLYMOUTH, the whole of the VALUABLE STOCK, Comprising a quantity of inlaid, Elizabethan, and other chimney pieces, in elegant style, and of rare description and design, including intense black, Belgian, Egyptian, Russian, and other greens, Lumachelle, Griotte, and Jasper, circular Italian marble slabs, for ladies' work tables; aiso beautifully carved marble and slate chimney pieces, chimney almbs, Welsh rags, Bangor and Welsh slate, in imperials, queens, duchesses, marchionesses, countesses, ladies, and doubles; also 2 tons of Bradley's best Staffordshire tron fence wire, a very superior sawing machine (nearly new), with tron bed, fiy-wheels, wrought-iron shafts, brass bearings, circular saws, chains, rollers, and goar complete, planing machine complete, a quantity of tools, &c., &c.—[For further particulars experimented bills.]—The quality of the stock is well known, and the whole can be strongly recommended for style and durability. Goods can be shipped from the premises.

Further particulars can be obtained of the auctioneers; or of F. Hernaman, Eq., official assignee, Bankruptcy Court, Exeter; Messrs, Gibson and Moore, and A. Rooker, Esq., Plymouth, solicitors to the estate.

The Sale to commence each day at Eleven o'clock.

Dated Auction Mart, 33, Whimple-street, Plymouth, 29th August, 1851.

LEAD ORES.			
TENDERS FOR 56, TONS LEAD ORE FROM WHEAL TREMA	NE.		
Bidders. Liskeard, 6th September.	Amo	unt	Bid
Locke, Blackett, and Co. (purchasers)	20	14	6
Thomas Somers	90	6	6
Executor of J. T. Treffry	19	10	6
Nowton, Keates, and Co	20	9	0
Walker, Parker, and Co	20	10	0
R. Michell and Son · · · · · · · · · · · · · · · · · · ·	18	9	6
Famar Smelting Company	19	10	6
Sims, Willyams, Nevill, and Co	19	19	0
TICKETINGS FOR ABOUT 100 TONS NEWTONARD'S LEAD	ORE.		
Bidder. Douglas, Isle of Man, Sept. 9.	Amor	anta	Rid.
Walker, Parker, and Co. (purchasers)	£10	1	0
John P. Eyton	10	0	0
Newton, Keates, and Co	9	18	6
Sims, Willyams, Nevill, and Co	9	12	0
W. J. Cookson and Co	9	9	0
Locke, Blackett, and Co	8	15	6
Chomas Somers	8	9	6
Pontifex and Wood	8	9	0
			-

Tickelings at the White Horse Hotel, Holywell, Sept. 11.

Sold at Aberystwith, on the 12th September.

Bryntail Sims, Willyams, & Co | Sold at the Mine. | East Wheal Rose | 61 | £14 | 1 | 6 |
Ditto	45	13	17	6
Ditto	27	11	10	0
Wheal Treliane	56	20	14	6
Carthew Consols	20	9	12	0
Wheal Adams	50	9	2	6
Wheal Healway	76	19	3	6
Wheal Mary Ann	85	20	17	6

						1	BLA	C	K	TI	N						
Mine.		To	28 C	. qı	r. 16.	s. I	rice	p. 1	Ton			Ar	nount.		Purch	asers.	
Georgia Conse	ols .	. 7	19	3	20		£52	0	0	***	£	115	16 0		Bolith	0 & Sc	ns.
Ditto		. (17	2	22		32	10	0			28	15 0		d	itto.	
Wheal Ruth		. 1	4	0	11		51	0	0				-		Union	Co.	(3)
Mine.						Tons	1		Pri	ce p.	ton	١.	P	urcha	sers.		
Drake Walls						31		4	€52	Ô	0		Tamar	Com	pany.		
ditto						34			49	17	6		Bissoe	Comp	any.		
ditto						3			42	15	0	• •	Daubu	z; Cal	lenick;	Willia	ams.

COPPER ORES. Sampled August 27, and Sold at Andrew's Hotel, Redruth, Sept. 11.

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		77		4 :	2 0		ditto 58 6 5	0
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1	ditto	39		12 8	8 0		Levant 65 1 15	6
,	ditto	34		9 10	0 0		ditto 56 8 8	6
	ditto	31		2 18	3 0		Wheal Agar 42 5 2	ŏ
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Alfred Consols	211		1538	15	0	East Wh. Treasury	25		65	0	
Wheal Tremayne	126		334	17		Lewis Mines	18		121	1	ä
Levant	121		587			Wheal Susan	12		79	9	ä
Wheal Agar	68	****	483	19	0	Old Wheal Basset	10		105	10	ā
Carvannall	65	****	303	6	0			-0000	Day of	ALM.	
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						£16,081				*****	
						102 2 0 Average				74	
Standa	rd of	corresp	ondin	g 88	le l	ast month, 1021. 4s	Pro	Ince. 7		-	
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COMPANIES BY WHOM THE ORES WERE PURCHASED.

Tons. Amoun

Mines Royal Company 208 ₺1011 15
Vivian and Sons. 359 1970 5
Freeman and Co. 308 1518 9
Grenfell and Sons 392 2137 5
Sims, Willyams, and Co. 495 2408 10
Williams, Foster, and Co. 666 4745 7
Schneider and Co. 197 1073 9
Mason and Elikington 223 1216 5 Total tons...... 9848

Copper ores for sale on Thursday;next, at the Royal Hotel, Truro.—Mines and Parcels.—Devon Great Consols, Wheal Josiah, Wheal Maria, Wheal Fanny, and Wheal Anna Maria, 1635—West Caradon 3·3—Wheal Friendship 215—Fowey Consols 181—Bedford United Mines 146—Poldice 108—Wheal Jewel 20—Wheal Maiden 13—Old Crinnis 9.—Total, 2630 tons.

£16,081 9 0

Total, 2630 tons.

Copper ores for sale on Thursday week, at the Royal Hotel, Truro.—Mines and Parcels.—Perran St. George 668—Consolidated Mines 473—United Mines 466—Treviskay 336—Par Consols 246—South Caradon 227—South Tolgus 193—East Wheal Leisure 113—Treleigh Consols 92—Trethelian 75—Wheal Ellen 72—Wheal Henry 55—Wheal Clifeford 51—Gonamena 48—Great Wheal Leisure 32.—Total, 3197 tons.

COMPARATIVE AVERAGES OF THE WEEKLY SALES OF COPPER OFES FOR NINE YEARS, TO THE SECOND SALE FOR SEPTEMBER, 1851.

Years.	Tons.	P	rodu	ice.	Amo	unt.	1	7 6/13	Stand	ard.	anil	Cop.	Ore	. 1	rice Cake	Cop
1842	2180		74		£12,177	11	6	****	£114	9		£76	14		£87	359
1843	3374		71	****	18,199	16	6	****	104	10		69	9	***	79	
1844																
1845	3171	****	74		17,936	1	0		112	0		75	7		. 884 to	914
1846	2023		8		10,336	9	6	****	98	17		64	6		884 to	914
1847	2600		84		15,437	13	6		100	11	****	. 68	16		98 to 1	10
1848																824
1849																Die
1850	3106		8	/	17,854	6	6		100	11	** **	68	1		79	76

AUXHALL-NASSAU BALLOON ASCENT.-LAST is MAMMOTH NASSAU BALLOON, a persons. This is the same Balloon wh SCENT in his MAMIOTH NASSAU BALLOON, accompanied by a large number telinguished persons. This is the same Bailoon which made the memorable trip ERMANY, descending at NASSAU, in the domains of the Duke of Brunswick, in the same 1836. ADMISSION ONE SHILLING. Doors open at Five. Ascent at half-pa to precisely. The entertainments will comprise the extraordinary feats of Hernande to young American Wonder, and Molle, Palmyra Annato, indisputably the two mo are velous Equestrians in the world—Madame Antonio's Daring Rope Ascent—Foucauli santiful and Novel Fire and Water Sports—Arban's infinitable Band for Concert at all—Brilliant Fireworks—Gorgeous 'illuminations, &c., &c. The Royal Gardens as ten every evening at Seven o'clock (except Saturday). Admission 1s.

NOTICES TO CORRESPONDENTS.

NOTICES TO CORRESPONDENTS.

THE COST. BOOK SYSTEM.—Sin: A mine conducted on the Cost-book System is in debt, and it is necessary to pay off the liabilities. The purser refuses to advance his share, having a claim on the mine for services; and the other adventurers repudinte his claim ander the circumstances, he being a partner in the mine. How is such a state of affairs to be settled?—An Adventuren: City, Sept. 11.—[Under the practice of the Stannary Courts we apprehend, on the one hand, that the purser could claim a set off to the amount of balance due to him, which sum ought to appear as a portion of the liabilities; and, on the other, the adventurers could deduct the calls due from the sum owing the purser, should the latter be the larger amount. At common law the general view of the case is, that a trader in a partnership cannot sue his co partner, except in banking concerns, and we believe assurance companies, where there are special clauses to legalise such a proceeding. We trust, in the present case, the parties will settle the matter amicably, and not trust to the "glorious uncertainty of the law," by which both sides will be foeced.

sgow) .- A letter addressed to our office will be forwarded.

**M." (Glasgow).—A letter addressed to our office will be forwarded.

**Naw Plas of Ventilation.—Sin: The peculiar feature of my ventilator—as referred to in last week's Journal—is, that is acts as a pump, discharging the vitiated and supplying pure air, without any perceptible sensation to persons in the apartment. It is a simple pioce of mechanism, siding the powers of nature, and not embarrassing her movements. When fitted into the building, it need not require any additional expense for 20 years, as it is durable, and not liable to get out of order. It is formed of a zinciple, peculiarly made, and furnished with a valve to regulate the supply of air, according to the season of the year or the number of persons in the apartment, and with a rain and wind breaker to keep out the rain, and to prevent a person standing underneath, with head uncovered, from feeling the passage of the air. It must be placed perpendicular, as it does not act obliquely. The mouth, when fixed to the ceiling, has the appearance of an ornament, such as was fixed in places of worship where chandellers were suspended. Any quantity of air may pass through it, according to its diameter, or more than one put into an apartment. My school was ventilated for 200 children, but it is used in it espring and autumn for an occasional oratorio. On these occasions I have seen about 1000 persons present, and not a handkerchief raised either to wips or fan the face, although all the doors and windows were kept shut, and there is no chimney in the room. It is almost impossible to give a description to enable one being made, without showing sections and giving a drawing. Certain proportions of the several parts must be attended to, or it does not act well; but to those who may decide to adopt this ventilator (of which a great number are in successful use). I would prepare drawings and give the necessary instructions. I have given my experience and time gratuitously to those friouds who solicited them: my reward has been the consciounaes that I have done

"A Miner's" visit to the Exhibition is unavoidably postponed.

"J. R. B." (Somers Town).—While the courts of common law have from time to time considered the nature of property in mines, the nature of transferring it, and the liabilities of shareholders to creditors, numerous cases have come before the courts of equity, by which the relations of shareholders to each other, and their general duties have been defined. The case Crawshay r. Manle appears the most applicable to the circumstances mentioned by our correspondent. In his judgment (Lord Eldon said) "Itseems difficult to establish that this is an interest in land distinct from a partnership in trade—a mere interest in land, in which a partition could take place; for when persons have purchased such an interest, manufacture and bring to market the produce of the land as one common fund, to be sold for their common benefit, it may be contended that they have entered into an agreement, which gives to that interest the nature, and subjects it to the dectrines of, a partnership in trade." Lord Hardwicke was of opinion, which has been acted on by Lord Brougiam, that an account may be decreed of the profits of a mine, although no injunction lies to restrain the working. In cases of timber and other realities an injunction is inseparable from an account.

"A.B." (Southampton).—The adit question alluded to has been decided in law—at-

cases of timber and other resities an injunction is inseparable from an account.
A. B." (Southampton).—The adit question alluded to has been decided in law—attempts having been made to set up a custom for any person to re-open an adit which had been in use, though abandoned for any length of time. In the case Magor v. Chadwick, recently tried, the adit in question had been unworked within living memory, and from it issued a stream originally used for mining purposes, but which had become audiciently pure to serve for brewing, and had been used in a brewery 36 years; some adventurers re-opened the adit, spoilt the stream for brewing, and defended an action on the ground of this custom. The jury gave the verdict against them.

*M. S." (Lambeth).—A description of Mr. Little's last patented improvements in electromagnetic instruments, in which the vibration of magnetic needles acts with a dead beat in spirits of wine, with descriptive diagrams, appeared in the Mining Journal on the 19th of April last.

A Miner" (Truro).—We should be glad if in future, in addressing us, our correspondent would write intelligibly. If we read his communication aright, our reply is—"yes." There is no doubt that not only has the mine in question been improperly worked, but loosely managed, and the accounts carelessly kept—if there is not ground for suspicion of something worse. We should, however, advise a little further patience, and see what the next quarter will produce. The sett has always been looked upon very highly.

Weisla Zion,—Sir: I marvel that such letters as a "Zionite" and "One who has Burn his Fingers" should have ever been written, much less published. If they are shareholders, as they seem to assert, what is their object? A letter to the secretary or the captain would have satisfied all their doubts; or they might have attended the late meeting, and stated their fears and anxieties, when they would have been soothed. Perhaps they wish to buy shares at a low figure; "I wish they may get them." Perhaps they wish to sail Wheal Arthur shares at a fair price. If they really have any Wheal Zion shares, i cannot comprehend why they should whish to deery them. I sam a real shareholder, and feel so confident of the honour and truth of the committee and the captain, that, had I the money, I would venture on the purchase of more shares, and take burning my fingers severely.—A REAL SHAREHOLDER: Clupton, Sept. 12.

WHEAL LOVEL.—At the last account meeting, on the 8th August, a dividend of £2 nor

WHEAL LOVEL.—At the last account meeting, on the 8th August, a dividend of £2 pc share was declared (860): this last dividend will make 8l. per share in two years.

GREAT WHEAT TONKIN.—Siz: Will any of your correspondents oblige me with some in formation respecting the progress of this adventure? From the highly-favourable reports of some certainly respectable trust-worthy agents, there would appear but little doubt of the undertaking presenting more than usual prospects of success: it would be a pity, therefore, if, from apathy on the part of the projectors or shareholders, the sett should remain unworked.—W. M.: Glasgow, Sept. 9.

Sett snonid remain unworked.—W. M.: Glasgow, Sept. 9.

ANGLO-Californian Gold Mining Company.—The letter of "A Scripholder, J. M. shall appear next week, as also that of "A. C." The latter appears to us to be of in terest and moment, on which we may have occasion to make some remarks. The notes from "J. R.," of the Temple, on the matter of Joint-Stock Companies and the "Registration," shall have attention. We are disposed to think our correspondent right Werz Usteed Hills.—The letter of "A Shareholder" shall appear in our next Journa—a pressure of matter compals its postponement.

'A Shareholder" should apply to the secretary for the information.

The Michaell' Manual of Practical Assaying Engles' Mineral Cuide and are also as the contraction.

Mr. Mitchell's Manual of Practical Assaying, Budgo's Miner's Guide, and our Glossary Euglish and Foreign Mining and Smelting Terms—they can be had of any bookseller

The communication of "A. M." (Edinburgh) shall appear in next week's Journal.

The annual length of our mining intelligence compels us to postpone Mr. V. L. Fab
paper—"The Igneous Theory—A Reply to Mr. Mushet's Article: 'The German Sel
of Geology;' illewise, Mr. Craddock on the Universal Condensing Engine, and sev
other papers.

The Theory of Mineral Veins,

BY EVAN HOPKINS, ESQ., C.E., F.G.S.

re pleasure in announcing, that the chapter on this important subject, as newly on for the second edition of Mr. Hopkins's work on "Terrestial Magnetism," wi ar, as a series of papers, in the MINING JOENAL, with the necessary illustration We have pleasure in an written for the second

The Cast.Book System.

Having repeated applications for particulars respecting the Cost-book System, we have reprinted, as a pamphiet, the paper descriptive of its principles and practice, which appeared in the Mining Journal. Copies can be precured through any bookseller of newsman, or at our office, price 6d.

- must impress upon our correspondents, the necessity of invariably furnishing with their names and addresses—not that their communications should, conquently, be noticed, but as an earnest to us of their good faith.
- nat all community.

 To the Editor,

 Mining Journal Office,

 26, Fleet-street, London

 26, Fleet-street, London • It is particularly requested that all communications may be addressed—

AndPost-officeorders madepayable to Wm. Salmon Mansell, asacting for the proprietors

THE MINING JOURNAL Railway and Commercial Gazette.

LONDON, SEPTEMBER 13, 1851.

The MINING JOURNAL is published at about Eleven o'clock on Saturday morning, at the office, 26, Floet-street, and can be obtained, before Twelve, of all news agents, at the Royal Exchange, and other parts of London.

We cannot object to Mr. Callow, that he is unwise in proposing, as he does by a communication which we give in another column, that facts demonstrated should speak instead of arguments which unsupported must lead to speculative conclusions. There is, perhaps, only one difference between him and our correspondent, Mr. Corneard, who has the honest conrage to avow his sentiments in his letter of last week. That variance is very common between diaputants having a bias from prepossession; namely, each party is

disposed to make the facts bear testimony in favour of his preconceived views, by giving the inferences to be deduced a special direction, whilst, in truth, the consequential effect may be positively different from the assertion of both,—now justifying, now falsifying either, as in the trite fable of the chameleon. In endeavouring to arrive at a decision which may establish the strict justice of the case, as applicable to the position of one side and the other, we conjure our correspondents to carry on the controversy in the language of calm reasoning, and not to revert to personalities, or take offence from that which is not personal, nor more than unintentionally off-hand and general. We are glad that Mr. Callow disavows any hostile reference to our other correspondent, and, indeed, though we felt disposed to question some harsh expressions in Mr. Callow's former letter, we think their general import was more intended to convey condemnation of a practice than to imply offence or pointed alusion. There is a vast amount of time lost in bad-temper; let us, then, for this occasion, examine cautiously, and advance steadily, with frigid disposed to make the facts bear testimony in favour of his precon-

allusion. There is a vast amount of time lost in bad-temper; let us, then, for this occasion, examine cautiously, and advance steadily, with frigid rationality, to dispose of every question which any reasonable doubt can raise as to the practicability of using the PATENT POWDER.

When a man of such acknowledged intelligence as Mr. COPELAND limits himself to the objections contained in his letter, signed "G. C.," in the Journal of the 23d of August, it may be fairly assumed that they are the principle points for consideration; these are, as to charging, with regard to the friction in ramming home,—and as to explosion, respecting the effect of the gaseous products. The latter we may take, upon the evidence before us, to be set at rest, until fresh investigation disprove the analyses re-Journal of the 23th of August, it may be harry assumed that the friction in ramming home,—and as to explosion, respecting the effect of the gaseous products. The latter we may take, upon the evidence before us, to be set at rest, until frosh investigation disprove the analyses referred to. We cannot admit that the reserve of Mr. Campbell, as suggested, is any more than a natural caution under serious responsibility. What can be more explicit than his language, "after a careful examination," upon this subject? "The odours of arsenic combinations, although in minute quantity, are very easily observed; yet I have failed to observe them, when but a short distance from the explosion; nor in a short time after an explosion can they be at all distinguished in the gas. This is owing, probably, to the rapidity with which they deposit, because of their high specifice gravity; and, therefore, practically, no inconvenience from this source could occur to the miner." It is true, he says this was tried on a small scale, but that is what "necessarily all laboratory experiments must be." Our next step would be, to try the powder, under fair conditions, in actual mining operation, in "hot and close ends," or wherever else it might be proposed to introduce it. That it has been so tried and approved, we have learned from satisfactory evidence, and we assume that the testimonials, to which we formerly referred, were sont us with the understanding that their writers might be appealed to.

We approach the other topic, deprecating any conflict of opinion as to the form of the bore, whether triangular or round. Grant that it is square triangular, or oval, and never true; that, according to prevailing practice, it takes all manner of whimsical shapes in its direction to the chamber, from a right line to a corkserve. What then? Are we so poor in resources as not to be able to adapt tools to the requisite work for suiting the bore to the cartridge? If this powder be otherwise desirable, we cannot suppose that a single week would pass ove

not sumee on a small scale; and we must be assured that no omission with have the effect of exposing to peril the lives of our fellow-creatures. We must not be supposed to undervalue Mr. Copeland's solicitude in this respect. It is our's as well; and we shall combine with him in every fair exertion to effectuate such a laudable desire, and secure the protection of even the humblest of our miners.

However common place and usual may appear the painful task which hebdomidally becomes our duty of recording those continuous fatal casualties in coal mines, which disgrace us as a mining community, the real extent of destruction is not apparent to the mind, unless a review of a number of accidents over a certain period of time is taken. If we look back from the first week in Aug. last, six short weeks, we shall find recorded in our columns about 110 deaths from the following accidents:—Malago Vale, Inear Bristol, by rope breaking, 6; Balne House Colliery, Wakefield, explosion, 2; Ubberley Colliery, in the Potteries, explosion, 7; Washington Colliery, Durham, explosion, 33; Balance Pit Colliery, Werfa, uear Aberdare, rope breaking, 14; Bunn's Lane Colliery, Dudley, skip falling down shaft, 2; Deep Pit Colliery, Kingswood, skip drawn over pulley, 1, and mutilation of 8 others; and from what may be termed accidents of common occurrence, 45. In addition to these 110 violent and untimely deaths, are to be added numerous amputated limbs and broken bones, bruises, concussions, and other injuries, by which many are crippled for life—an enumeration of one-half of which never finds its way into the public press. Mr. Dickenson, the Government Inspector, who has carefully examined many collieries in the Kineswood district. the Government Inspector, who has carefully examined many col-lieries in the Kingswood district, made, at the inquest held on the body of Newman, at the Deep Pit Colliery, among others, the fol-lowing pertinent remarks, which are worthy the attention of viewers

"In the course of my inspection of the collieries in the Bedminster district, I could not fall to observe that sufficient attention was not paid to keeping plans of the underground workings; but the proprietors immediately undertook to procure them. In consequence of the absence of fire-damp, it is well known that ventilation in this district has not assumed the importance which it has done among the 'fiery' collieries where fire-damp has existed. Ventilating furnaces are here almost unknown; and in those shaft. The consequence of this was, that in sultry weather, the current of air was extremely sluggish; it became charged with black damp, which, aithough not liable to explode, was very pernicious to the health of the miners. * * With good shafts and a good rope, there is, I consider, very little danger in descending pits; and in atmost every case it was possible to judge by the appearance of the rope when it was in a fit state for a man to depend upon it."

The adjourned inquest on the body of STEPHEN NEWMAN, who drawn over the drawing wheel, as stated in our last Number, was concluded on Tuesday; and, from the evidence adduced, it appears that more blame attaches to the conduct of the engineman (John Stone) than the first accounts led us to believe. The first witness was John Parker, who stated that he was at the pit's mouth at the time of the accident, and Stone was standing by talking. He told him the "witness" had gone up; and that it was a "journey of men" coming up, when Stone said, "Then I'll go in." There was then plonty of time for him to have stopped the engine in time. He rang the bell three times before the cart went over the wheel; he saw Newman fall down the shaft, and helped to extricate the men from under the cart, among whom was a son of his own. He heard no noise of hammering in the engine-house after the accident. Mr. Brains, the owner of the colliery, and Mr. Dickenson, the Government Inspector, elicited from the witness that there was much irregularity practiced which might deceive the men at surface. Sometimes a signal would be given that a journey of men was coming, when the men would wait for others, and send up a load of coals instead. It was necessary to be more particular when men were coming up; and it was usual to drive the engine slower. Had never seen any levity or carelessness about Stone, although he had a similar accident once before. George King deposed that he was employed to look drawn over the drawing wheel, as stated in our la

after the pumps; at the time of the accident was about 10 yards from the after the pumps; at the time of the accident was about 10 yards from the pit's mouth, and was throwing some coals on the engine fire. About two minutes before the accident, saw STONE go towards the engine-house. There was a great noise; and heard STONE call out, "Quick! run George, and help pull up the rods." He did so, but it was too late; and STONE showed him the broken pin; did not hear any hammering in the engine-house. SAMUEL OSBONE, the blacksmith, made the pin which had broken, the pin which the string stone considered it units strong anough and did not think the

and help pull up the rods." He did so, but it was too late; and Signs showed him the broken pin; did not hear any hammering in the engine-house. Samuel Osborke, the blacksmith, made the pin which had broken, two years since; considered it quite strong enough, and did not think the ordinary working of the engine could have broken it; did not think the sudden reversion of the handle could have broken it; did not think the sudden reversion of the handle could have broken it. The Coroner cautioned Stone in the usual manner, who said it was not his fault; the engine broke, and he could not help it; and he immediately showed King the broken pin. The jury, however, found him guilty of "Manslaughter;" and the coroner committed him for trial at the next Gloucester Assizes.

The inquest on the bodies of the 14 men and boys, who were unfortunately killed at Messrs. Nixon and Co.'s Balance Pit Colliery, as recorded in our last Journal, was also adjourned to Tuesday, to enable the Coroner to communicate with the Secretary of State. It appears that several of the men were ascending and others descending; and, as the whole machinery of the pit is completely broken and destroyed, the real cause of the accident will probably not be discovered. The names of the deceased are—J. Perkins, aged 35; T. Humphreets, 11; R. Humphreets, 27; D. Humphreys, 29; J. Rogers, 35; R. Morgan, 36; D. Watkins, 27; T. Penn, 22; D. Williams, 20; W. Jones, 28; D. Lewis, 22; T. Griffiths, 17; W. Goned, 16; and J. Anthony, 13. The evidence of Mr. J. Nixon, (one of the owners), M. Mills (the agent), Evans (the pit carponter), and Snelling (the smith), went to show that the pit was fitted up in the best manner, with three wire-rope guides to each bucket, and the chains of a size and quality believed to be safe; the latter had been proved to 37 tons. The general opinion is that one of the guide rods broke, and the ascending and descending buckets got entangled, causing a twisting and greater strain on the chain. The verdict of the jury was "Accidental Deat

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works, so as to enable the workmen to descend without any danger.

The committee, composed of upwards of 50 gentlemen—coalowners, viewers, and others resident around the colliery districts in the neighbourhood of Washington—appointed at the meeting of 27th August last, are exerting themselves to the utmost for the benefit of the relief of the relatives of the 33 sufferers who fell victims to the explosion at Washington Colliery. The owners of the colliery have nobly subscribed 100*l*; the Earl of DURHAM, 30 guineas; the Haswell Coal Company, 30 guineas; the Lumley Coal Company, 20 guineas, and numerous other liberal subscriptions; and thus, as far as money can effect it, some solace will be afforded the survivors for their sad bereavement. The list of contributors is highly creditable to humanity. creditable to humanity.

We insert in another column an interesting communication from Mr. THOMAS HARVEY, on the Importance and practicability of establishing an "Association of Mining Adventurers;" with a view to the formation of a bond of union between all the members of to the formation of a bond of union between all the members of this increasing body; the obtaining authentic reports, the substance of which may be relied on; to form a nucleus, around which the thousands engaged in this pursuit may be brought together; and to preserve intact this important and rapidly-extending interest from the injurious effects of the machinations of those whose only object is gain, they care not at whose cost. There is something very feasible, and we think promising, in the scheme; it would, as proposed, by no means clash with the Mining Exchange, while it would open a field for information on mining subjects which can scarcely at present be obtained, or when obtained, relied upon. We must, however, refer our readers to the document itself, which will, most probably, elicit some expression of opinions on the subject, and future discussion. ject, and future discussion.

The extraordinary results of the investigations into the electric properties of matter, and the chemical discoveries of the first portion of the nineteenth century, so far from appeasing the scientific appetite, has engendered a powerful and searching spirit of inquiry, which will not be satisfied until the whole mysterious arcana of Nature is opened to our view; and from the new and powerful appliances which science is daily offering us, it is highly probable, that as regards the number of elementary bodies, of which all subtances in nature are compressed a great revolution will be effected. that as regards the number of elementary bodies, of which all substances in nature are composed, a great revolution will be effected on all our pre-conceived notions of natural philosophy. Many scientific men, both in Europe and America, whose faith has begun to be shaken as to the existence of between fifty and sixty simple substances, or elementary bodies, are pursuing experiments with a view to obtain more certain knowledge of the operations of Nature in her great hidden laboratories; and an opinion appears rapidly to be gaining ground that most of these so-called elements, particularly the metals, are compounds of other real elements, which probably are few in number. Our respected correspondent, Mr. S. B. Roeers, of Nantyglo, promulgated this idea as long since as 1821, and in April, 1844, we published in the Mining Journal a series of three letters, as an introduction to a "New Theory of Nature," communicated by that gentleman,—whose "Data for the Use of Blast Furnace Managers," published also in the Journal, has been so well appreciated by the profession. As new ideas, tending in the same direction, are daily being propounded, it is but justice that an original author should have the merit either for the discovery, or the imagining, the existence of any new truths; and on this ground an original author should have the merit either for the discovery, or the imagining, the existence of any new truths; and on this ground we willingly acquiesce with the author's desire, and re-publish the letters in question, the first of which appears in another column. At the time when these communications appeared, the theory received little attention, and we must confess we ourselves did not feel much inclination to support the principles assumed. A change, however, has come over the aspect of the whole system of the philosophic world; and the mind is somewhat prepared for any discovery, however astounding, even should it be the reduction of the simple elements to a much less number, or even to two only, as assumed by the author of the theory under notice.

On Thursday last, the first open meeting of the Anglo-Califon-NIAN GOLD MINING Association was held (an account of which will be found in another column), and this we hail as a new era in the be found in another column), and this we hail as a new era in the history of the company. It appears that shortly after the discovery of gold in California, an individual, y'clept Luke Williams, concoted or promoted this association, as the case may be: with an industry worthy a better cause, he journeyed north, south, east, and west, even penetrated to the district of poetry—the Lakes of Windermere and the Valley of Rydal, to obtain partners in his El Dorado, at the rate of los, per share paid up, or less when the funds were wanting. Associated with him was a Mr. PALMER, and an individual wanting. Associated with him was a Mr. Palmer, and an individual rejoicing in the ancient and time-honoured Cornish name of Tremanne. They were abroad, he was here. It is first prospectus gave a list of directors, none of whom are now in the company. The funds were raised; a gallant knight was sent out to the locality, who on arrival at the scene of his labours found Mr. Palmer was either a myth or a rogue, and that the sketch of the property which had been circulated in the provinces only existed in the imagination of the artist who drow it. In June, 1850, fresh directors came into the association; a baronet was appointed director, and some legal gentlemen became his colleagues. These directly saw that all was not right, and, therefore, determined to place the whole concern, if not on a secure and solid basis, at least to make it a legally constituted body. Their mode of acting did not suit the managing director: as they were the strongest party, he was expelled from the board.

Whother this was right or wrong is not in our province to determine; but forthwith he presents to the shareholders a "vituperative pamphlet, accusing himself of malversation, and abusing them; descending so low in its details as to attack the appointment of an honest secretary, who from his previous position was aware of the manner in which the company had first been concocted. The provincials had been tried to the utmost; the

ant directors refused to organise a small party of Londoners (query,

present directors refused to organize a small party of Londoners (query, would they have been so green as the provincials), or to advertise in London to augment the finances, so as to blind some of the cunning people as to the real state of affairs, kine illee lackrymae. A counter statement was put forward by the present directors. Both are now before us; we give no judgment on either,—let them stand on their merits or demerits.

We regret much that Mr. Williams was not present at the meeting to disprove the allegations against him, or confound his opponents with proofs of the assertions which he brings against them. In our opinion the explanation of Mr. Massex Dawson was most conclusive and damnatory to him, and such seemed to be the feeling of the majority there assembled. We make no further remarks, but this we can say from experience—that during the sway of Mr. Luke Williams all explanation was difficult to be had; while under the present regime, every information can be obtained by those who require it. by those who require it.

The existence of gold in New South Wales, and the excitement which prevails in the district around Bathurst, as stated in last weeks' MINING JOURNAL, is, to a certain extent, confirmed by adweeks MINING JOHNAL, IS, to a certain extent, comment by ac-vices received from Sydney, to May 26th, by the Teviot, which arrived at Southampton on Wednesday morning last, having brought the despatches of the Thomas Arbuthnot, which had put in at Pernam-buco. The sum of the information is, that there is gold, but great un-certainty and difficulty in getting it. Some of the population are said to be half mad with joy; others in despair, anticipating famine, disease, and death. In the search for gold, a large deposit of rock-salt has been discovered. It is said that a company, formed for working has been discovered. It is said that a company, formed for working for gold, under the auspices of a member of council, had averaged an onnce per man per day; and that three apprentices, who ran away from Bathurst, returned in a few days with 17 ounces, which they sold for 51l. Pieces of gold, of various sizes, were spoken of as having been found, from 1 up to 9 ounces; one piece 4½ lbs. in weight; and numarous instances are given of individuals realising in a few days from 50l. to 170l., while many were making regularly from 20l. to 40l. per week. Provisions were getting awfully dear at the diggings, and, consequently, much distress prevailed. The exthe diggings, and, consequently, much distress prevailed. The existence of gold in considerable quantities may now be considered as a great fact: it is stated that 20,000*l*. worth had been obtained, and that sales had taken place to the extent of 9000*l*. in Sydney in a few days; and in searching for gold, valuable rubies had been found in the River Manning. The great question is, what effect this discovery will have upon society in this colony, should gold exist in sufficient quantities to give permanent existence to that exist in summer equalities to give permanent existence to that spirit of enterprise which is ever engendered when it appears easy to acquire wealth by the mere picking it up. It will give a strong impetus to the tide of emigration to our Australian colonics, and tend to a more rapid peopling of the islands of the South Pacific Ocean with the Anglo-Saxon race, which has already belted the vast continent of America, from the latter to the shores of the Atlantic. We fear, however, that like the earlier period of the discovery of the precious metal in California, it will lure the very worst of characters to the soil, and instil immorality, insubordination, and crime, into the population. The military of the district have been ordered to the diggings to enforce submission to law and order; but it is gratifying to learn that so far the parties who have located on the diggings are peaceable and orderly, and generally agree in reprobating the bringing of fire-arms among them. We have received private confirmation of this state of things, and of the agitation which exists, from an eminent mineral surveyor, who has made himself well acquainted with the locality after a three years' residence; and it is probable a rich field will shortly be opened there for the employprobable a rich field will shortly be opened there for the employment of British capital, and being our own territory, under the wholesome control of English law, without those risks and dangers which attend the researches for the precious metals in California. However plentiful gold may be, it is, under any circumstances, hard and destructive work to individuals; while a company, going legitimately to work, securing supplies of provisions and necessaries on the spot, obtain it with comparative ease and facility.

MANUFACTURE OF IRON IN INDIA.

We have on two or three occasions noticed in the Mining Journal the formation and progress of a company under the title of THE EAST INDIAN IRON COMPANY, with the object of manufacturing iron from the rich ores of the southern portion of that peninsula, our remarks being of a favour able and recommendatory character, convinced as we are of the capacity of India to produce iron in any quantity, and of the excellence of the material, even as rudely manufactured by the natives. Our attention has again been called to the subject from some correspondence which has recently taken place in the Times, referring to the specimens of iron, the production of the Indian Iron and Steel Company, now open for public inspection in the Great Exhibition; and although the first notice of these specimens by the writer was decidedly favourable, he appears to have laboured under a misconception on more than one point as to the value to be attached to the establishment, on a large scale, of the manufacture of iron in India. As the cost and quality of fuel is the most important item in the production of metallic iron we shall notice that point first, as it appears to be implied that as charcoal is employed the price must be 'greatly enhanced, in a similar ratio as charcoal iron is charged here, much higher than that manufactured from coke or coals. The cases, however, are totally dissimilar; the almost inexhaustible forests and jungle of India supply material for the production of most superior charcoal, and the extraordinary low price of native labour, which may be had for 2½d, per man per day, renders its cost as low, or even lower, than the manufacture of coke in this country; while the very superior quality of the iron (ranking with Swedish and Russian) entitles it to a price fur more remunerative, as on reference to our matal price list for this day, Indian charcoal pig-iron will be found quoted at 5l. los. per ton, at which price a parcel of about 100 tons found a ready sale, some three weeks back, immediately on its arrival in this country. This, we understand, will be followed by regular consignments as the works at Beypore and Porto Novo, from which this iron comes, are placed upon a more regular and permanent footing under the auspices of the new company, who are only awaiting a Charter from Government t able and recommendatory character, convinced as we are of the capacity of India to produce iron in any quantity, and of the excellence of the ma-

have on the formation and extension of ranways, and their corresponding effect on trade and commerce; and we are happy to find that already a contract has been entered into to furnish one of the railway companies, whose works are now-progressing, with a portion of the chairs which will be required on the line. This is a good beginning, which there is little darker. doubt will be followed up by more extensive operations—not only in chairs, but all the other iron material necessary in railway construction, and at least lowering the cost of their formation by the amount of freight between England and India. The territorities secured by the company are situated in the presidency of Madras, yielding ore and fuel to an extent which, for all practical purposes, may be termed inexhaustible. Their accessibility and quality are also such as to afford the means and materials for making the finest iron with the lower cost. whethe lowest cost. The properties comprise extensive tracts of ore grounds and forests acquired from native landholders, with exclusive rights from the Madras Government for raising rich magnetic ores throughout all the proand forests acquired from native landholders, with exclusive rights from the Madras Government for raising rich magnetic ores throughout all the provinces of that presidency where they are found, and leases of the Government forests best situated to their purposes. The quantity of iron exported in 1850 to India, from London and Liverpool alone, exceeded 55,000 tons; and when the present increasing demand and certain future wants are considered, it appears to us that, under thoroughly efficient management, there is no mercautile undertaking of the present day which holds out such great and undoubted prospects of success.

IMPROVEMENTS IN THE LOCOMOTIVE ENGINE.

The locomotive engine, which may perhaps be considered the mast piece of mechanical engineering, notwithstanding its great powers, and the vast influence it has had on the progress of trade and commerce and the destiny of the human family, possesses many inherent disadvantages, which have been appreciated from its first introduction. These are its enormous working expenses, crushing weight, whereby the iron road is continually being injured and required to be repaired; the large proportion of the power it engenders being required to move its own weight, with various others. Many patents have been secured for so-called improvements, some of which have, doubtless, been effective; but much yet remains to render it a profitable, really scientific, and well-working machine. Among the latest attempts to get rid of some of the disadvantages above mentioned, we notice a locomotive engine patented and constructed by Mr. Charles Ritchie, engineer, of Hackney, who appears to have boldly grappled with the subject, and has produced a machine, which while its cost will be about two-thirds of the engines at present usually made, its weight is one-third less, with a greater hold on the rail, and is calculated to afford more efficient working at much less cost of transit. Indeed, there must be something evidently meritonious in its design and construction, as the London and Northvast influence it has had on the progress of trade and commerce and the

of the engines at present usually made, its weight is one-third less, with a greater hold on the rail, and is calculated to afford more efficient working at much less cost of transit. Indeed, there must be something evidently meritorious in its design and construction, as the London and North-Western Railway Company contemplate testing its capabilities, it having been especially recommended to their notice.

The principal feature in which this engine differs from others is, the centre of gravity being much lower than it can be made by any other plan now in use, yet any optional diameter of wheels may be applied. By this arrangement, and the method of applying the power, the tendency to an oscillating motion is neutralised, and all angular straining, so hurtful to the durability of the engine, is avoided. Two pairs of diving-wheels are employed, one pair at each end, which thus bear the weight, and they are coupled by piston rods from their two pistons, working in one cylinder between, on each side of the engine. This method secures the greatest possible tractive adhesion on the rails, and also prevents buoyancy, or a tendency to mount the rail. The boiler is of an unusually simple and strong construction, with large heating surface and efficient draught, effecting an economy of fuel; the fluctuation of the water surface is prevented by a transverse partition, which also greatly strengthens the boiler. Every wheel is protected by a guard, or safety break, in such manner as to prevent almost the possibility of the engine being thrown off the rails; should even all the axles break, the progress of the train would be merely retarded. The safety valve has a self-relieving principle, which renders explosion next to impossible, and it is out of reach of all intended or accidental injury. There is also an exceedingly simple self-acting and self-regulating apparatus for feeding the boiler, so constructed that either deficiency or next to impossible, and it is out of reach of all intended or accidental injury. There is also an exceedingly simple self-acting and self-regulating apparatus for feeding the boiler, so constructed that either deficiency or redundancy of water are alike impossible. The engine, too, is freed from the usual cumbrous pumping gear, and the valve gear is unusually simple. Upon the whole, in the absence of means of securing real efficiency and economy, by working the steam expansively, this engine appears to come nearer railway requirement than anything we have yet seen, and we hope shortly to be able to lay before our readers most successful results of the proposed experiments. Most of these improvements are intended to apply to other engines, as well as to locomotives. proposed experiments. Most of these impr to other engines, as well as to locomotives.

PATENT WATER-BALLAST AND IMPROVED BILGE PUMP.

In our last Journal we briefly referred to the water-ballast apparatus, patented by Dr. White, of Newcastle-upon-Tyne, stating that the collier brig, Benton, which was fitted with it, had completely established the fac that the operations were successful, of efficiency, safety, and great economy that the operations were successful, of efficiency, safety, and great economy in its use; and we now proceed to lay before our readers a description of the methods which the patentee has adopted for the employment of water as ballast, in lieu of the usual materials. The water is contained in bags secured in the bottom of the hold, of which there may be four, six, or eight, of 6, 8, 10, or 12 tons each, according to the requirements or trim of the vessel. They consist of waterproof canvas, and are united by hose pipes, a main hose being laid down in the angle of the keelson and ceiling, and over it is slided a hose board, which supports the bag and prevents the hose from being crushed. The bag hose is united with the main hose by couplings, always at the command of the operators, and when the hose are connected, and the valve opened, the water rushes in until the bags are full. A main and the valve opened, the water rushes in until the bags are full. A main band, by compressing the bags, allows of water being safely admitted, or discharged, even in a storm. For the discharge of the water, Dr. White has patented a pump, which is also effective for general ships' use, and, instead of raising the water over the side of the deck, only has to work up to a level of the outside water—the great economy which this arrangement secured is shown by what now takes place in the Benton. From the level of the well to the level of the outside water, when in ballast, is 6½ ft.; laden, 11 ft.; to deck, 16½ ft. By the plan oper-third of the power is averd when If fi.; to deck, 16½ ft. By this plan one-third of the power is saved when aden, and in discharging ballast the proportion between the new and old pump is as 1 to 2½, and the force required to raise 50 tons in one case would be equal to 125 tons in the other. When ships can lie on shore, the water may be discharged through the hose by the pipe without any pumping at all. The bags are enveloped in a case of banded tarpauling, prepared with materials that vermin shun, such absolutely leaving the vessel; they are never seen, and exposed to no contingency. they have only pumping at all. The bags are enveloped in a case of banded tarpauling, prepared with materials that vermin shun, such absolutely leaving the vessel: they are never seen, and exposed to no contingency; they have only to take in and let out the water, and will probably last as long as the ships themselves; the cases may require renewal, but they cost but little. When more than ballast is or may be required, stowing bags are recommended. They are lined with gutta percha cloth, furnished by the company, so prepared as to be capable of carying wine, oil, &c., without communicating either taste or smell—a trial has been made for 16 months. On some coasts, where the difficulties of obtaining ballast are so great, the advantages in general commerce must be obvious. They are easily packed, and three or four ean be but little in a ship. By using this apparatus, ballast may be increased or diminished with the greatest facility, and, consequently, more canvas carried. In 20 minutes ballast may be taken in, while going down the stream. Shoals may be passed over, and the danger of a beach avoided, or, indeed, in extremity the shore may be even run upon, from the certainty that the lightening of the ballast will float the vessel off again when the danger has passed away. Capt. Blackett (the master of the Benton), from his experience with the apparatus, asserts that the results have satisfactorily proved to him that the bags are most efficient, and that they have unquestionably demonstrated the practicability of water-ballast. The subject is one of immense importance to shipowners, as affecting time and money; and it appears to bear out what the patentee claims for it—safety, cleanliness, and an economy of time, labour, and expense. ess, and an economy of time, labour, and expense.

STEAM-SHIPS FROM LIVERPOOL TO CALIFORNIA.—It is said that a line of steam communication between Liverpool and San Francisco, by the Nicaraguan route, has been arranged, and that the steam-ship, Northern Light, is to sail from that port to New York. The line will then be carried on to San Juan by the steamers Prometheus and Daniel Webster, and a new steamer has been contracted for to run on Lake Nicaragua. It is expected that the European passengers will avail themselves of this route to San Francisco, and efforts are making to secure the conveyance by it of the gold dust for England.

THE ELECTRIC TELEGRAPH.—The extension of the wires from the central station at Lothbury to Lloyd's has just been completed, thereby placing the underwriters' room in immediate communication with Hull, Holyhead, Liverpeal, and all the principal outports, and shortly, when the telegraph now in progress over the Great Western is completed, with Plymouth, the Bristol Channel, and the Land's End.

Channel, and the Land's End.

THE TRUCK SYSTEM OF SOUTH STAFFORDSHIRE.—A few days since it was discovered that John Septianus Marygold, "tommy shop-man," had absconded, taking with him a large sum of money belonging to different individuals. This Marygold, it will be remembered, is the man who figured a few months ago so conspicuously in the Wolverhampton Police Court, in the prosecution under the Truck Act, against the Messrs. Creaswell of Tipton, as the individual who supplied the men with goods, allowing the Messrs. Creaswell aper centage on the goods supplied. In addition to his connection with the Messrs. Creaswell as above, he had lately entered into arrangement with the Messrs. Turley, of Coseley's Furnaces, to supply their workpeople on the same principle. It was not generally known till the Saturday Marygold had absconded; and when the poor men's wives went for their next week's provisions they found the tommy shop shut up against them, and it is reported that many of their families, in consequence, were without a dinner on the Sunday. A reward of 50th has been offered for his apprehension, and a warrant has been issued against him, and placed in the bands of the chief constable of the borough of Wolverhampton, charging him with obtaining goods under false pretences. It is supposed he is accompanied by his wife, who is described as a pretty-looking woman, about 5 feet 4 inches in height.

A general strike has taken place within the last fortnight among the horse

A general strike has taken place within the last fortnight among the horse nail forgers of Dudley and Stourbridge.

MINING ENTERPRISE-ITS PROGRESS AND PROSPECTS.

Having shown in our last Journal the favourable position the mines pon our dividend list stand in at the present moment, with the prospective advantages expected to be derived from them for a considerable time to come, we now proceed to our second, and almost endless, list of mines, that every week brings some new additions to, among which, doubtless, there are many that are wholly worthless, notwithstanding the premiums there are many that are wholly worthless, notwithstanding the premiums annexed to them; and we invite the assistance of all our readers, that they may be crushed while yet in the bud. We have long been aware that the said list wanted, not only the pruning knife, but wholesale weeding; and, as hinted in our last, we had hoped this leviathan task would have been partly attained ere this, through the means of the Mining Exchange. One stride in advance of this formidable task was made last week, and our Share List then underwent the scrutiny of several eyes and hands that had hitherto shown an apathy towards it. It has the promise of such aid for the fature, by which powerful assistance we hope to be enabled to submit as full, true, particular, and as correct a list as can possibly be expected or made.

Our second list numbers 304 mines that have paid no dividends, and Our second as numbers 304 mines that have paid to dividends, and the greater part have yielded so trifling a portion of metallic ore, as not to be registered among our weekly or quarterly account sales of mining produce. In fact, out of the 304 mines, it will be found, by referring to our paper of the 5th July, that only 33 of them sold any copper for the previous quarter, say 1 in 9\frac{1}{4}, and—

8 of them under £ 90 worth.
7 150 ,
4 200 ,
3 250 ,
3 350 , Say, 23 out of 33, whose quarterly produce is under 350%.

Say, 23 out of 33, whose quarterly produce is under 360.

The Phænix Mines sold 278 tons for 3357l. 18s., being an average of 12l. 1s. 6d, per ton, and this is the first mine out of all the 33 that is likely to pay dividends, if it has not already done so. Our receipt of intelligence from thence has hitherto been very bare, and we hope this notice may induce the parties interested to send us a copy of their account-day statements and reports for publication, the same as most other mines are in the habit of doing. We have, in fact, been applied to for information by several parties, and cannot supply it.

Marke Valley Mine sold 603 tons, for 2252l. 6s. 6d., an average of only 3l. 14s. 8d, per ton. This mine has been at work 12 years, in 6000 shares, of 10l. each, paid up, present price about 2l. 5s. The low quality of the ore does not promise well towards removing this concern, after its long struggle, where we could wish to see it—viz.: among our dividend mine shares. The lode in the 84 west is split up by an elvan course; the stratum

struggle, where we could wish to see it—viz.: among our dividend mine shares. The lode in the 84 west is split up by an elvan course; the stratum under is killas. Eastward the lode is 10 ft. big—capel and spar, mundic and copper; a winze below this yields 4 tons of copper ore per fathom for the breadth of the winze. The lode is 10 ft. big in the 65, and yielding 4 tons of copper ore per fm. The two stopes are turning out 8 and 12 tons. In the midway level east the lode is 12 ft. wide, 9 tons per fm. The stopes in the beck 8 tons; bottom 6 tons

In the midway level east the lode is 12 ft. wide, 9 tons per fm. The stopes in the back 8 tons; bottom 6 tons.

Wheal Agar sold 274 tons for 1827l. 7s. 6d., or 6l. 13s. 4d. per ton. This mine, situate immediately adjoining North Pool to the south, East Pool to the north, and East Wheal Crofty on the east, continues struggling on after 10 years' exploring, with no profit to the shareholders, who appear to have advanced 6000l. on 1000 shares, of 6l. each. They have recently added the sett of Wheal Tehidy on the east, and are driving their levels into it in promising ground, but as yet they have not met with neighbour's fare, or cut a course of ore equal to their more successful friends to the right and left, which in such a locality is the more extraordinary. That they deserve to participate, is shown by their steady perseverance to meet it, and we hope they will ultimately be well rewarded.

West Wheal Treasury sold 244 tons for 1581l. 18s. 6d., average 6l. 9s. 8d. per ton. This concern, like the preceeding, has been struggling on for a series of years, incuring an outlay of about 9000l., and never arriving beyond the state of "kindly" and promising. That state is of the most doubtful gender in all the mining vocabulary: parties never like to stop when that flattering sound reaches their ears; but too often, alas! it is "hope told a flattering tale."

They go on quarter after quarter, and year after year, till machinery or pit-

Sound reaches their ears; but too often, alas: it is "nope told a nattering tale." They go on quarter after quarter, and year after year, till machinery or pitwork want permanent repair, or the water is in, and it is found too costly to draw it out: sometimes a drop in the standard is the cause, and then the concern is abandoned. We beg it to be understood these remarks are not particularly directed to this mine; on the contrary, we wish them, and the adventurers generally, who persevere as they have done, to be well rewarded, and shall gladly hail the day that crowns them with deserved success. We have the received in each discovery, and that the present belders may now. hope the treasure is near discovery, and that the present holders may par-

hope the treasure is near discovery, and that the present holders may participate in its distribution.

Polberro Consols (St. Agnes) sold during the quarter 325 tons of copper ore, amounting to 956l. 19s., only 2l. 18s. 10d. per ton; and 52 tons 17½ cwts. tin for 250ll. 19s. 2d. This concern is situate in the Royal Dachy of Cornwall, and not long since was wrought by them: for a vast number of years it was one of the most productive tin mines in the county. Some years ago, when the price of tin was low, and the machinery not in the best order, the system of "digging the eyes out," and "taking away the nest egg," was resorted to, by which means the mines were so worked out of order that it has taken a considerable period of time, and a vast amount of money, to place them in the position they at present stand; and that is not very flattering, for it is understood they are not quite paying cost; we wish they were, and should be better pleased could we see them upon our dividend-paying Share List. That they may arrive there shortly is our sincere wish.

dividend-paying Share List. That they may arrive there shortly is our sincere wish.

West Wheal Seton sold 180 tons copper ore for 788l. 11s. 6d., or 4l. 7s. 8d. per ton. The spirited adventurers in this concern (comparatively few) have, inspired with the hope of participating in the success of their immediate nighbour on the east, Wheal Seton, boldly contributed 71l. per share, to give it a fair trial; and as they are duly possessed of all the best attributes for mining purposes—viz., patience, perseverance, and capital, and by experience know the length of time it took to bring the Great Wheal Seton to a profit, and how shortly afterwards they received back the whole of their outlay, they will, beyond a doubt, still patiently persevere in judiciously expending such further capital as may be requisite, and ultimately receive the reward. We anticipate at an early day having to place this concern among the list of dividend-paying mines.

West Fowey Consols sold 122 tons of copper ore for 740l. 11s., average 6l. 16s. per ton during the quarter, which is better than they had been doing; still the ore sold since is of less average value, which, in the absence of intelligence from head quarters, leads us to doubt that they are as yet deriving any profit.

of intelligence from head quarters, leads us to doubt that they are as yet deriving any profit.

West Wheal Jewel during the quarter only disposed of 118 tons of copper orc, value 605l 4s., average 5l. 2s. 7d. per ton, the chief support of the concern being from tin, which they sell to the smelters by private contract, and both united have hitherto left the shareholders without a dividend: 3715 shares have responded to calls, amounting altogether to 12l. each—say, 44,580l.; but 6000 were the original number, the difference being forfeited shares, on which a considerable amount had been paid, the outlay of this working having been about 55,000l. Preference shares are being issued at 30s. each, for the purpose of working the north mine, the present operations having been confined to the south, and the opinion seems very generally to be entertained that the north part will one day prove a most profitable spot, and be as productive as the same lodes were in Wheal Jewel and the ground castward; while many miners of undoubted talent are of opinion the ore will make away westward, towards,

prove a most prontable spot, and be as productive as the same lodes were in Wheal Jewel and the ground eastward; while many miners of undoubted talent are of opinion the ore will make away westward, towards, at, and beyond the great cross-course and slide, between which, and on parallel lodes, immense fortunes were realised.

Poldice Mine has ever been strictly a private concern, carried on by a few opulent individuals, in 64 shares, quietly pursuing the even tenour of their way, rich or poor, they alone feeling the effect or benefit thereof. It has been a wonderfully productive mine for both tin and copper, lying to the morth of the Great Consolidated, and in the vicinity of the deepest and content of the great consolidated, and in the vicinity of the deepest and the north of the Great Consolidated, and in the vicinity of the deepest and most extensively wrought mines in the county of Cornwall, or any other part of the United Kingdom. When all around were in full course of working, about 18 or 20 years ago, the number of engines drawing water and stuff exceeded anything of a similar nature in any part of the world. The consumption of coal alone was immense, and yet mining labourers were plenty. These great concerns seldom had to complain of the want of dressing power—maidens or boys, though the tonnage of ore was thousands weekly. We were amused, a few weeks back, at noticing, in a little concern close by, that "dressing operations had not progressed well, many of the hands having been absent," and this continued for three weeks. When the sampling took place it amounted to little more than 40 tons.

We wish we could impress generally on the minds of all those agents who

have reports to write to be more concise; a vast deal of nonsense would thereby be avoided. They might take a lesson from those written by the agents of more extensive concerns, and by omitting puffy paragraphs (which do more harm than good) they would ensure the perusal of what they communicate, which, in a variety of cases we could particularise, is not the case, wholly owing to neglect of the hint thus given.

[To be continued in next week's Mining Journal.]

Original Correspondence.

MINING IN MEXICO-EXTRAORDINARY SUCCESS.

MINING IN MEXICO—EXTRAORDINARY SUCCESS.

Sin,—The following account of the mines around Santa Fe de Guanaxuato may be interesting to the numerous readers of your influential Journal; I, therefore, forward it you for insertion, should you deem it worthy of a space.

The city of Santa Fe de Guanaxuato (or, as it is sometimes written and pronounced, Gonnajoato) is the Villa Rica of Mexico, being placed in the very heart of its richest group of silver mines, on the porphyritic range of the Sierra de Santa Rosa. (Humboldt gives the latitude 21° 0′ 9″ north, longitude 100° west.) It is one of the most singularly situated cities in the world. One might imagine that the jealous spirit of the miner had chosen this labyrinth of mountain ravines as his capital, for the purpose at once of security and concealment; and the extraordinary shapes assumed by the gigantic masses of porphyry have frequently the appearance of ruined walls and bastions.

The city of Guanaxuato was founded by the Spaniards in 1545: it was

gigantic masses of porphyry have frequently the appearance of ruined walls and bastions.

The city of Guanaxuato was founded by the Spaniards in 1545; it was constituted a town in 1619, and invested with the privileges of a city in 1741. The first mine worked, that of San Barnabe, five leagues from the city, was begun in 1548, 28 years after the death of Montezuma. In 1758 the mines of Meblado and Rayas were opened on the great vein (veta madre); but for a considerable time the mines of Guanaxuato attracted little notice, and they were almost abandoned during the 17th and 18th centuries. It is not above 50 years that they have become so famous. They are now esteemed richer than those of either Pachuca, Zacatecas, or Bolanos, and their produce has been almost double that of Potosi. In 38 years—viz.: from 1766 to 1803—the mines of Guanaxuato produced gold and silver to the value of 165,000,000 piastres, or 12,720,061 lbs. troy, the annual average produce being 556,000 marcs of silver, or 364,911 lbs. troy, and from 1500 to 1600 marcs of gold. (Humboldt states that the veta madre of Guanaxuato has yielded more than a fourth part of the silver of Mexico, and a sixth part of the produce of all America.) All the veins of Hungary and Transylvania together yield only 85,000 marcs of silver. The mother vein (veta madre) of the Sierra de Santa Rosa extends in a direction from south-east to north-west, rather more than five leagues, which, before the revolution, were yielding 10,000 mule-loads of ore, of 11 arrobas (275 lbs.) each, every week. In 1803 there were employed on the works 5000 workmen, 1896 grinding-mills, and 14,618 mules. "The Valenciana," says Humboldt, "is almost the sole example of a mine which, for 40 years, has never yielded less to its proprietors than from 2,000,000 fr. to 3,000,000 fr. annual profit" (from 80,000), to 120,000l.) It appears that part of the vein extending from Tepeyac to the north-west had not been wrought towards the end of the 16th century. From that period the whole tract remained tury. From that period the whole tract remained forsaken till 1760, when a Spaniard, who went to America very young, began to work this vein in one of the points which had till that time been believed to be destitute of metals. M. Obregon (that was the name of the Spaniard) was without fortune, but as he had the reputation of being a worthy man, he found friends, who from time to time advanced him small sums to carry on his operations. In 1766 the works were already 260 feet in depth, and yet the expenses greatly surpassed the value of the metallic produce. With a passion for mining, M. Obregon preferred submitting to every sort of privation to abandoning his undertaking. In 1767 he entered into partnership with a petty merchant of Rayas, named Otoro. Could he then hope that, in the space of a few years, he and his friend would become the richest individuals in Mexico—perhaps in the whole world? In 1768 they began to extract a very considerable quantity of silver from the mine of Valenciana. In proportion as the shafts went deeper they approached the depository of the great metallic wealth of Guanaxuato. In 1771 they drew from the Pertinencia de Dolores enormous masses of sulphuret of silver, mixed with native and red silver. From that period, till 1804, the mine of Valenciana has continued to yield annually a produce of nearly 600,000/, sterling. There have been years so productive, that the nett profit of the two proprietors of the mine has amounted to the sum of 250,000/. M. Obregon, better known by his title of Count de la Valenciana, preserved, in the midst of immense wealth, the same simplicity of manner, and the same frankness of character, by which he was distinguished previously to his success. When he began to work the vein of Guanaxuato above the ravine of San Xavier, goats were feeding on the very hill which, 10 years afterwards, was covered with a town of 7000 or 8000 inhabitants. During the last 25 years of the Count de la Valenciana's life his annual revenue from his mine was never below from 80,

1125,000. per annum.

Here, then, is the history of a man who was the proprietor of the mine of Valenciana, situated in Guanaxuato, where the United Mexican Mining Company have their mines; and from advices received by that company but two days ago, dated Guanaxuato, 28th July last, they may hope, by perseverance, in their mine of Jesus Maria y Jose, their efforts will be crowned with similar success to that of the Count de la Valenciana.

London, Sept. 11.

CALLOW'S PATENT BLASTING POWDER.

CALLOW'S PATENT BLASTING POWDER.

Sir,—In answer to a letter in your Journal of the 6th inst. from Mr.

Copeland, I take the liberty to request your insertion of the following observations upon that gentleman's apparently angry remarks. It was never my intention to provoke an antagonistic feeling in any person who might look upon me as a competitor. It would be perfectly useless, after my notice to you in my three last letters of the 2d, 16th, and 30th August, to enter into a discussion on the properties and peculiar capabilities of my powder; for, so soon as I am fully prepared, I shall follow out the promised opportunity of putting all interested and necessary inquiries at rest. I would observe, for the satisfaction of Mr. Copeland, that I was not aware the letter signed "G. C." was from the pen of that gentleman; and as I have no wish to contend for any "victory," I shall avoid further notice of any remarks until my experiments shall justify my assertions.

Dartford, Sept. 11.

EDWARD CALLOW.

BAROMETERS FOR COAL MINES.

BAROMETERS FOR COAL MINES.

Sir.—I have read with much interest Mr. Gurney's lucid description of his differential barometer, and heartily wish that his suggestions as to its use in coal mines may be attended to with that zeal which they deserve. Knowing what I do of the prejudice that must be overcome before anything new can be permitted to succeed, I have my fears for this very ingenious contrivance. I have for many years occasionally made for myself and friends barometers of the most simple construction, with an improved index, whereby the changes of atmospheric pressure are more distinctly seen than by the barometer in common use.

The apparatus is so simple that it is fully within the capability of many

seen than by the barometer in common use.

The apparatus is so simple that it is fully within the capability of many of the pitmen, and more especially of the enginewrights to make for themselves, which if they can be induced to do, I believe they will better understand the principle, and be more interested in its application than if even

derstand the principle, and be more interested in its application than if even a superior instrument were presented a free gift.

The construction of the apparatus is as follows—viz.: a straight glass tube, about \$\frac{1}{2}\$ in. inside diameter, \$\frac{3}{2}\$ in. long, and hermetically closed at one end. A basin or cup for the mercury of alder, beech, or any white wood, imporvious to mercury, inside diametsions \$\frac{5}{2}\$ in. long, and hermetically closed at one end. A basin or cup for the mercury of alder, beech, or any white wood, imporvious to mercury, inside dimensions \$\frac{5}{2}\$ in. wide, and 1 in. deep. In the middle of this cup a groove is made lengthways, wide onough to admit easily the middle finger of the operator, whilst it is pressed against the open end of the tube when filled with mercury. The cup is attached to a board about \$6\frac{1}{2}\$ in. wide and \$3\$ ft. \$6\$ in. high, with wooden screws, taking care that they do not touch the mercury in the cup. The board will serve to support the tubes in a perpendicular position, and become the back of a case, to preserve it from dust and injury. The place at the end of the groove where the tube will stand should be so narrowed as to keep the tube from reaching the bottom, that there may be free passage for the mercury in and out. The cup is made thus capacious to receive all the mercury in the event of a fracture or minor accident. Things thus prepared, the operator may put the tube into its place before it is filled, to prove that all is right. A slight deal rod should be prepared, a few inchesting the tube, with a piece of clean wash leather fastened at the ond. This will first serve to clean the tube, and when the mercury is poured into it to aid in expelling the bubbles of air, which is ultimately

done by filling the tube quite full of mercury, when the operator, placing his middle finger firmly on the end of the tube, turns it with the close end up, and places the lower end (yet closed with his finger) into a cup of mercury. On removing the finger the mercury in the tube will fall, and form a vacuum at the upper end; and bubbles of air will be seen to expand, and cling to the inside of the tube. To get rid of them, again close the end of the tube with the finger, and turn it with the open end up, when the vacuum will press against the finger, which remove, and again fill the tube quite full, and with the finger again applied repeat the operation until the air bubbles disappear.

The tube may now be carefully put into its place, stayed against the board, and a clamp fixed against the upper end of the tube to prevent its being inadvertently drawn up. The height of the mercury in the cup to that in the tube, expresses accurately the statical pressure of the atmosphere at the time; and being marked on the board, will point out the particular height for the scale of inches, subdivided into tenths, which may afterwards be applied.

afterwards be applied.

I will now endeavour to describe the improved index. It consists of a I will now endeavour to describe the improved index. It consists of a piece of strong white drawing-paper, surrounding the glass tube, and easily moveable up and down upon it. The side of the paper next to the observer, is cut to a well-defined edge, inclining about 15° or 20° from level. It is convenient that this edge be marked by perpendicular lines with a scale of equal parts in each direction, from a line meeting the middle point of the inclined edge; and on the opposite and inner side, a thick black mark should be made, the lower edge of which should be level with the middle point of the inclined edge above referred to. (This black mark should be $\frac{3}{8}$ or $\frac{1}{2}$ an inch deep, and the blacker the better. It must also be on the side of the paper next to the tube, that it may be seen.)

Having thus an index on both sides of the tube, simultaneously moveable, it can with great accuracy he adjusted so as to place the apex of the mercury in the same line with the two indices, so that on looking through the tube, the point where the perpendicular centre line on the index meets the inclined edge, the apex of the mercury, and the under side of the black mark on the inside of the paper, on the opposite side of the tube, may be in line with one another.

mark on the inside of the paper, on the opposite side of the thos, may be in line with one another.

After which, if the mercury falls, a small streak of white will be seen under the black mark. And if the mercury has risen, the eye or the line of vision must rise a little above the middle point of the inclined edge. By the double index, applied to a barometer tube of 6-10 inch inside diameter, a change of atmospheric pressure, of 1-500 of an inch of mercury, is easily discernible.—W. Brunton: Camborne, Sept. 8.

ON THE REAL NATURAL LAWS OF PHYSICS.

SIR,-As new ideas appear to be bursting into life from several quarters relative to the "Elements of Nature," permit me to ask the favour of your again inserting in the columns of your scientific and wide-spreading Journal again inserting in the columns of your scientific and wide-spreading Journal my letters on that subject, which were originally written about the year 1821. In the Mining Journal of Saturday last it is said, in a communication from Capi. Matthew Francis, that "M. Dumas has announced his intention of again going into the question of the elements of metals; and Professor Arago is said to be pleased with the deductions on which the former deems such an inquiry desirable." Now, as I feel confident that a time will come when what are now termed "elementary bodies" will be found to be composed of two distinct things only, I hope you will do me the favour of publicly recording my views on the subject, and my reasons for entertaining them, which views and reasons I did, in a former Journal, and do now, respectfully call upon those scientific persons who have leisure, power, and ability, to fairly investigate, and, if possible, put at rest, if not by a qualified admission, at least by a rational, and, consequently, scientific denial or refutation.—S. B. ROGERS: Nantyglo, Aug. 20.

NEW THEORY OF NATURE-(A REPRINT)

NEW THEORY OF NATURE—(A Referent).

Sir,—Herewith I beg to transmit you the first Number of "A New Theory of Nature," which will show, beyond all rational contradiction, that what, in philosophical language, are termed elementary bodies, are, in reality, not so, but compounds of two thinss overything within the range of the human mind may be, and has been, produced, and that in a similar manner to the production of well-known compounds on the atomic system of modern philosophy.

A due and scientific application of this theory will, I confidently believe, lead to the clear elucidation of many things which, at present, are termed rank impossibilities. Among other extraordinary powers with which it will arm mankind, the means of realising the following very important results may be named as a few of hem—viz.:

1. The production and control of "fire, air, and water," to a comparatively unlimited extent; and, consequently, unlimited power for all physical parposes would then be placed under the entire command of rational mankind.

2. Metals may be formed or transmuted, and all chemical compounds produced, with ease and facility, to any extent, and with materials now entirely valueless.

3. Vegetation may be stimulated, and the fruits of the earth wonderfully increased and perfected, in all climates, from the burning sands of the tropical regions, to the desolate and ice-bound deserts of the poles.

4. The tenants of the air, the earth, and the waters, may be augmented in number beyond the powers of arithmetic to describe; and their powers, properties, and materials, regulated and made completely subservient to the will and pleasure of civilised man.

5. Delouading and projecting compounds may be formed that would, in a manner, blow the earth to atoms, were it possible to operate in a mine, of comparatively small dimensions, in the centre of the globe!

This new theory of natural things I will freely acknowledge to be a present very crude and imperfect—as well form the difficulty of finding words adequate to convey a

sions, in the centre of the globe!

This new theory of natural things I will freely acknowledge to be at present very crude and imperfect—as well from the difficulty of fluding words adequate to convey a right and true view of new things and new processes, to minds enthralled, as it were, by preconceptions of what is termed pillosophy, as from the very extensive and complicated nature of the theory itself. Time, however, will mature all things, and a little fair discussion on this subject, in your scientific and well-conducted Journal, will, I have no doubt, lead to results equally as important, as wrilliant, as useful, and as astonishing, as any of the wonders that have been realised in modern days, by the powers of steam, the combinations in mechanism, or the discoveries in chemistry.

Nanigolo, April 2, 1844.**

ON THE REAL ELEMENTS OF NATURE-INTRODUCTION. No. I.

Natingle, April 3, 1844.

ON THE REAL ELEMENTS OF NATURE—Introduction. No. I.

Nothing facilitates the acquiring of knowledge so much as simplifying and smoothing the road which leads up to it; with this object in view. I shall endeavour, in these papers, to show that nearly the whole of those things denominated elements, or simple bodies in modern scientific language, are but equivocally so, which "elements" are said to amount in number to about fifty-four. With those presumed elements rate said to amount in number to about fifty-four. With those presumed elements rate said to amount in number to about fifty-four. With those presumed elements rate said to amount in number to about fifty-four. With these presumed elements rate said to amount in number to about fifty-four. With the presumed elements rate said to amount in number to about fifty-four. With the substances are said to amount in number to about fifty-four. With the substances are the said to the said to

termed the heaves and the earth; and that it was but figuraticels, is sufficiently manifest from what is stated in the succeeding verse—viz. "and the earth was without form, and coid"—which oriedently means, that the material, called earth in the first verse, had no relative form—no figure that words could convey an idea of, there being nothing them made whereby to measure or compare it; it merely existed as an element—a thing like nothing but itself, and, heing "void," or empty, it, therefore, possessed no conceivable property whatever. A better definition of the elementary body under consideration could not possibly be given—a thing with respect to form or feabiling particularly or properties perfectly negative.

"Now, although Moses has not told us the quantities that were made of these two things, yet he objected as no in a so asy, that one of them had a face—" and darkness was upon the face of the deep;" therefore, it is perfectly fair and reasonable to conclude, that one of the mely-versated materials had a limit, an outside, or a boundary (all of which are megative ideas)—and, consequently, it must be admitted, that there was only a specific activity timings—in other words, maxima, the element by which are made to appear things other wise totally incomprehensible to relative belings. "Through faith (asys the Apostic materials that the seories were formed by the word of God, so that things which are seen were not made of things which do appear;" consequently, Paul's view of the matter was, that the word was compounded out of certain invisible—but, novertheless, real—things, and not out of nothing?

With respect to the other elementary body, Moses distinctly says it possessed anorton—" with and matter were produced by an amniscion hand, it is quite matural and just to conclude that they were, with regard to properties, made diameterially opposite to each other—the one positive, the other negative—at all points, times, and places; for, had these elements possessed similar properties, or, indeed, had they be

property in common, the labour of so doing would have truly been "labour in vain. Therefore, as matter is, per fair inference, limited as to quantity, the office element (which from the example of Moses, I will, from henceforth term spirit) may, so it were, be said to be unlimited; and, as spirit was endowed with the power of motion, matter, consequently, may be safely put down as an inert, passive, powerless, and motionless body. Hence it will appear that matter and spirit are elements perfectly dissimilar at all points; the one may be fairly considered the senth, and the other the nadir, in the apparently unbounded scale of this world's natural things.

S. B. Mogres.

Nautyplo, April 2, 1844. Nanivalo, April 2, 1844.

TOLLS ON COAL IN THE PORT OF LONDON.

Sin,—I perfectly agree with the remarks of "An Island Coalowner," in last week's Journal, respecting the City dues upon inland coals. As well as being an unjust tax to the inhabitants of Watford, and the surrounding villages, it is equally injurious to the midland collieries. The same toll villages, it is equally injurious to the midland collieries. The same toll of 1s. 1d. per ton is also levied upon inland coals sent by the canals. Surely, in these times of free trade, this ought not to exist.

A SOUTH STAFFORDSHIRE COAL MASTER. Sept. 10.

GOVERNMENT SCHOOL OF MINES

The COURSE of STUDY at this INSTITUTION will commence on THURSDAY, the 6th of November, 1831, and the following LECTURES and PRACTICAL DEMONSTRATIONS will be given during the session:

1. CHEMISTRY, applied to Arts and Agriculture ... LYON PLAYFAIR, Ph. D., F.E.S.
2. NATURAL HISTORY, applied to Geology and the Arts ... ROBT. HURT, Keeper of Mining to Mining. ... Records.
4. MECHANICAL SCIENCE, with its applications ROBT. HURT, Keeper of Mining to Mining. ROBT. HURT, Keeper of Mining A. C. RAMBAT, F.R.S.
5. GEOLOGY, and its practical applications JOHN PERCY, M.D., F.R.S.
6. MINING and MINERALOGY WARMOTON W. SENTH, M.A.
The fee for the course of two years is one payment of £30; or £20 for each session-

The fee for the course of two years is one payment of £30; or £20 for each session, om November to August inclusive.

Practical Instruction in the Field, in Geology, Mining, and Palæontology, is included

Practical Instruction in the Field, in Geology, Mining, and Falzontology, is included a the above charges.

Occasional Students may attend separate Courses of Lectures and Field Instruction on ayment of the Fees mentioned in the program.

The Laboratories for Chemistry and Metallurgy will be open for the reception of Pupils on payment of £15 for the session of five months.

Officers of the Arny and Navy, either in the Queen's or the Hononrable East India company's service, are admitted to the Lectures at half the usual charges.

Students who propose to enter with the view of obtaining the Diploma of the Institution, are requested to apply to Mr. Trenham Reeks, at the Museum, from whom the necessary information may be obtained.

H. T. DE LA BECHE, Director.

IVERPOOL COLLEGE OF CHEMISTRY. Professor—Dr. SHERIDAN MUSPRATT.
STUDENTS are INSTRUCTED in EVERY BRANCH of the SCIENCE.
Fees for Analysis or Assays may be had on application, with full prospect

Fees for Analysis or Assays may be had on application, with full prospectases.

VOL. II., HUNT'S HAND-BOOK TO THE EXHIBITION OFFICIAL CATALOGUES:

An Explanatory Guide to the Natural Productions and Manufactures of the Great Exhibition of the Industry of all Nations, 1851. Edited by Rossurz Howr, Keeper of Mining Records. This work is so arranged that every visitor will be enabled at once to find the article described, and to obtain a correct account of its characteristics.

"The amount of scientific knowledge here compressed into two small volumes is astembling; and this knowledge is not of an encyclopedian character, such as might be onabling; and this knowledge is not of an encyclopedian character, such as might be onably compiled from books—but resit and recent on all subjects, more especially in the departments of science. The most instructive guide to the Exhibition while it is open—we have no doubt that this Hand-Book will become hereafter one of the most popular mementoes and histories of the actual galhering of the nations."—Atheneum.

"Useful in the Exhibition, and agreeable afterwards as a reminiscence of what was seen in the Great Year of 1851."—Spectator.

SPHOER BROTHERS, Wholesale Stationers A. C.

n the Great Year of 1851."—Speciator.

SPICER BROTHERS, Wholesale Stationers of WM. CLOWES & SONS, Printera.

29, New Bridge-street, Blackfriars, at Hyde-park; of all booksellers in town and country; and at the Railway Stations.

PPLEDORE SILVER-LEAD MINING COMPANY .-

At a MEETING of shareholders, held at the offices of the Company, 51, Threatneedle-street, on Monday last, the Sth inst.,

RICHARD HALLETT, Jun., Eq., in the chair,

Mr. Fuller rend the note convening the meeting, which was for the purpose of auditing
the accounts for June and July, amounting to £339 10s. 6d., which, with £9 12s. for
office rent, printing, &c., made £349 2s. 6d., against which there was cash in hand has
account, £253 0s. 7d.—leaving a deficiency of £56 1s. 11d.: an estimate for August and
Soptember cost showing £300 mov. it was—
Resolved unanimously.—That the accounts now produced be received and entered in
the cost-book—that a regular report be furnished from the mine for publication in the
Mining Journal; and that call of 10s, per share be made—payable forthwith into the
lands of a banker, to be chosen by the committee, who were re-elected for the ensuing
zwo months.

CALLINGTON MINES COMPANY. At a QUARTERLY GENERAL MEETING of the shareholders of this Company, held this day,

PETER STAINSBY, Esq., in the chair,

The quarterly accounts and reports having been submitted, it was—
Resolved,—That the reports and accounts now read be received, adopted, and entered in the Company's cost and transfer-books.—Carried unanimously.

Resolved,—That the thanks of the shareholders be presented to the Chairman, for his able conduct in the chair.—Carried unanimously.

WHEAL CATHERINE SILVER-LEAD MINING
COMPANY.—At a meeting of shareholders, held at the offices of the Company,
51, Threadneedle-street, on Tuesday last, the 9th inst.,
CHAILES JOHN WICKER, Esq., in the chair,
The notice convening the meeting having been read, the accounts were submitted—
showing a balance in hand of £401 is. 11d., after paying off the costs incurred to end of
June, it was—

showing a balance in hand of £401 is. 11d., after paying off the costs incurred to end of June, it was— Resolved,—That the accounts now produced be received and entered in the cost-book. The reports of Captains Henry and Mr. John Taylor were then read, which gave great satisfaction.

A NGLO-CALIFORNIAN GOLD MINING COMPANY.

A NGLO-CALIFORNIAN GOLD MINING COMPANY.

—At a MEETING of the scripholders, held at the Freemasons' Tavern, Great Queen-street, Lincoln's Inn-fields, on Thursday, the 11th September, 1831,—CHARLES HINKS, Esq. (of Birmingham), in the chair,

The following RESOLUTIONS were proposed:

That this meeting do adjourn till a future day, with a view to obtain further information on the matters brought forward, and that Mr. Luke Williams be requested to attend at the adjourned meeting.—(Two hands only were held up in favour of this resolution, and the same was lost.)

Moved by James Tabb; seconded by John Ward, and carried unanimously:

That the thanks of this meeting are due to the provisional directors for the candid statement made by them at this meeting, and that the present provisional directors are worthy of the confisience of the shareholders, for their past and present management of the affairs of the Company.

A vote of thanks to the Chairman for his firm and impartial conduct in the chair was proposed and seconded, and carried unanimously.

NEW INVENTION.

THE ELECTRO-MAGNETIC ENGINE, as a SOURCE of MECHANICAL POWER, to SUPERSEDE the USE of STEAM as a PRIME MOVER.—TO CAPITALISTS: The above invention having received the testimonials of professors of the greatest celebrity in science, the proprietor is desirous of introducing it into public use, under the protection of Patents. He will TREAT with CAPITALISTS for that purposes, with the ultimate object of FORMING a COMPANY, to be called the "British Electric Power Company."—All communications to be addressed to FRANCIS S. BEATTY, 29, Capel-street, Dubling A Treatise on the subject will be sent free for six postage stamps—a prospectus for one.

BLAKE AND PARKIN, MEADOW WORKS

MANUFACTURERS of CIRCULAR and MILL SAWS, Improved CAST-STEEL FILES, for the use of Engineers and Machinists, Patent tempered MACHINE KNIVES and CUTTERS, manufactured for planing and grooving wood, for cutting paper, iron, stone, leather, &c., made to any pattern or dimensions with the utmost exactness. Warranted to work with a harder and finer edge than any other mode of temper.

Inventors of coreannealed east-steel for taps, piston-rods, &c.—Manufacturers of rallway springs, blister, shear, and cast-steel, &c. &c.



FOR THE SHOOTING SEASON, 1851.-DEANE, ADAMS, & DEANE, GUN-MAKERS to H.R.H. PRINCE ALBERT, beg respectfully to call the attention of SPORTSMEN to their late IMPROVEMENTS in GUNS, PISTOLS, and RIFLES, which may be seen and tested daily, with a large assortment of their best town-made GUNS, at the MANUFACTORY, No. 30, KING WILLIAM STREET, LONDON-BRIDGE—August 7, 1851.

AS LIGHTS FOR EXHIBITION.—
GLASS REFLECTORS are now well known to be the BEST BURNERS and REFLECTORS are now well known to be the BEST BURNERS and REFLECTORS in the MARNET.—GUISE's newly-invented GLASS-CONED SHADOWLESS GAS BURNERS have been tested by the first Gas Engineers of the day, and proved by them to be SUPERIOR in BRILLIANCY and ECONOMY to all burners hitherto hieventel. They are used with the short common straight chimney, and are extensively adopted by the London Gas Companies, and may be had 6f all respectable gass-fitters, and at Guise's Gas Burner Manufactory, No. 45, Clerkenwell-green, London.

. None are genuine unless marked "Guise, Registered," or "Patent."

ED. J. DENT has REMOVED from 82 to 61, STRAND D. J. DENT RAS RESMOVED from \$2 to 61, SIRAND to being 21 does nearer to Charing-cross, and directly opposite Bedford-street) and solidis an INSPECTION of his extensive STOCK of CHROMOMETERS, WATCHES, and CLOCKS, as above; also at No. 33, COCKSPUR-STREET, and No. 34, ROYAL EXCHANGE (Clock Tower area).

KOW ready, complete, in 2 vois., cloth, price 3s. each; or in 10 parts, price 6d. each.

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BOROUGH OF SUNDERLAND-NOTICE TO ENGI-OROUGH OF SUNDERLAND—NOTICE TO ENGINEERS AND SURVEYORS.—ANY PERSON desirous of OBTAINING the APPOINTMENT to the office of SURVEYOR to the CORPORATION OF SUNDERLAND, is requested to FORWARD TESTIMONIALS of QUALIFICATION and COMPETENCY, addressed (free of postage) to the "Town Clerk, Sunderland," on or before Wednesday, the 8th day of October next, on which day the Committee appointed by the Corporation will meet, at Seven o'clock in the evening, to RECEIVE and examine APPLICATIONS and TESTIMONIALS of CANDIDATES.

As the duties of such Surveyor will comprise the Municipal as well as the Local Boards of Health business of the Corporation, a Candidate must be familiar with the practice of engineering, especially hydraulic engineering, in connection with works of water supply, drainage, sowerage, and surface cleanaing—competent to conduct surveys, prepare plans of estates, drawings, and estimates of works of every description, and able to superintend the execution thereof, test the materials, and see to the failment of the conditions of their contracts by contractors for such works.

The whole time of the Surveyor is to be devoted to the duties assigned to him, and he is to be restricted from undertaking any other employment. Salary, £250 per annum, with permission to take upulls.

Candidates are to state their age in their applications, but are not required to attend personally before the Committee, unless specially summoned. The successful candidate is, if required, to give bond for the faithful discharge of his duties. The Town Clerk, on application to him (fb by letter, to be post-paid), will answer all inquiries, and give any further information.

Sunderland, Sept. 11, 1851.

ONE HUNDRED POUNDS PREMIUM.

ONE HUNDRED POUNDS PREMIUM.

THE LONDON COAL METERS' COMMITTEE hereby THE LONDON COAL METERS' COMMITTEE hereby give Notice, that they are destrous of OBTAINING the BEST PLAN of DELIVERING COALS in the POOL from the SHIPS' HOLD into a BARGE alongside, economically, quickly, and with special regard to the saving of breakage and accurate weighing; and that they will give ONE PREMUM of ONE HUNDRED POUNDS for the BEST MODEL, or EXPOSITION, of such PLAN or DEVICE, provided that it megts with the approbation of the Committee.

Models, Plans, and Expositions, may be sent with soaled letters, containing the name of the exhibitor inside, during the last week of November next, to the Coal Meters' Office, in the Coal Exchange, London; each letter to have a mark, or motto, on the outside, and a like mark, or motto, to be placed on the model or plan.

The plans not approved of will be returned, with the letters unopened, to any persons producing the receipt, which will be given at time of delivery, on any Tucsday, Thursday, or Saturday, in January, 1852, but the Committee will consider all plans or models not taken away in that jeriod as their own prompty, and deal with them accordingly.

O MINE PROPRIETORS.—TO BE SOLID, at MENE-FIELD, ARGYLESHIRE, a CRUSHING-MILL and WASHING APPARATUS, Sec. The CRUSHING-MILL is of considerable power, having a cast-iron overshot waterwheel, of 36-feet diameter, driving crushing and chat cylinders, and four large break neves, lashers, &c. There are several pairs of new cylinders ready to replace those in use; also a complete set of ROASTING APPARATUS, with ore waggons, waggon-wheels and axies, and a set of blackamints tools, bellows, anvil, &c.

The models of the machinery may be had with it, as they are all at the mine, in good preservation.—Parties whiful to carry on the mine may, with the machinery, have the remainder of the lease of silver-lead ore, yielding from 15 to 20 ounces per fon.

The mine is very favourably situated, lying at the head of Loch Crevan, and the ore or machinery may be put on board ship at 1s. per ton for land carriage.

Applications for purchase may be made to James Burgess, mining engineer, No. 49, Cumberland-row, Newcastle-on-Tyne.

IRONMASTERS, RAILWAY DIRECTORS, ENGI

all orders addressed to him for these, and also for RAILS, with natural addressed to him for these, and also for RAILS, with natural addressed have his prompt attention. Specimens of the different Irons shown, and every information afforded, on application Information as to the terms of License under Mr. Stirling's Patents will be given by the Subscriber, and also by Mr. JEE, C. E., S, John-street, Adelphi. A. MACNAUGHT. OFFICES.—2, Queen-street-place, Upper Thames-street. WAREHOUSES,—Paul's Wharf, 28, Upper Thames-street.

TO BE SOLD, BY PRIVATE CONTRACT, the whole of the FIRE-CLAY WORKS, situated at OLD CASSOP, near DURHAM, comprising STEAM-ENGINE, of 14-horse power, STONES, PUG-MILL, all complete; PRESSING MACHINE for large pipes, and DRAIN-TILE MACHINE; 4 kilns, and 4 large
drying flats, 40 feet by 22 feet; branch railway and drift rails; all the moulds for chimney tops, &c., necessary for carrying out an extensive business, together with office and
foreman's house.—These works are held under the Bishop of Durham by lease, for 21
years, from May, 1847, and are connected by railway with Hartlepool, Sunderland, and
Durham.—Terms, half cash, and the remainder in approved bills.

Application to be made to the Old Cassop Fire-Clay Company, Ferry-hill.

BERSYCHAN IRON-WORKS.—TO BE LET, with immediate possession, or the LEASE TO BE SOLD, of these important IRON-RES, in SOUTH WALES, consisting of SIX BLAST-FURNACES, ROLLING-LS, and all the necessary appliances.—For further information apply to Messrs. JC. H. Freshfield, New Bank-buildings, London.

and H. Freshfield, New Bank-buildings, London.

VALUABLE MINERAL ESTATE IN WALES.—

TO BE LET, ON LEASE, for a term of 50 years, a very valuable PROPERTY in MERIONETHISHIRE. The Estate is extensive: it contains TWO large VEINS of SLATE, of superior quality—the one is a continuation of the Abergavenny Vein, which has produced £50,000 per annum profit, and has been worked very extensively; the other is a vein which has been opened on, and is a present in a state of work. The slate and slabs of this quarry are of the very best description, and of that fine blue colour so much in demand. There is also a very large copper lode passing through the Estate, upon which the propertors have some men now at work. In addition to these, there is also course of lead passing through the southern part of the property.

The whole comprises upwards of 33° acres, with the advantage of a fine stream of water passing through the same, and is only four miles distant from an eligible steam of water passing through the same, and is only four miles distant from an eligible remains a extensive and profitable investment, cannot be equalled in the Frincipality.

Every required information may be obtained from the propertor by application at the office of Mr. Robert Linthorne, i, Angel-court, Throgmorton-street.

A NTHRACITE COAL.—A fine FIELD of this valuable FUEL TO BE LET, in the parish of BETTWS, by the side of the Llanelly Railway, 12 miles from the shipping port. The anthracite of this district has proved equal in quality to the Pembrokeshire, so highly prized for drying mait. This coal burns without smoke, on which account it has been used at the Great Exhibition in Hyde Park for working the machinery. When this coal is used with a blast, and vapour of water passed through, it produces a splendid fire, generating steam with extraordinary rapidly, and the greatest possible economy of fuel.

This mode of combustion is termed by the inventor, Mr. T. H. Leighton, the "hydrocarbon fire," and possesses such manifest advantages, that it must, at no distant period, be adopted on board the Government and mail-packet steamers, on which event the value of this description of property will be greatly enhanced.—For particulars apply to Thomas Jones, Esq., the proprietor, Gelly, Cwm-Aman, near Llandillo.—August, 1851.

value of this description of property will be greatly enhanced.—For particulars apply to Thomas Jones, Esq., the proprietor, Gelly, Cwm-Aman, near Llandillo.—August, 1851.—

STEAM TO INDIA, CHINA, &c.,—Particulars of the regular MONTHLY MAIL STEAM CONVEYANCE.

AND OF THE ADDITIONAL LINES OF COMMUNICATION, NOW ESTABLISHED BY THE PENINSULAR AND ORIENTAL STEAM NAVIGATION COMPANY with the EAST, &c. &c. The Company book PASSENGERS, and receive GOODS and PARCELS, as heretofore, for CEYLON, MADRAS, CALCUTTA, PENANG, SINGA-PORE, and HONG KONG, by their steamers, starting from SOUTHAMPTON on the 20th of every month, and from SUEZ on or about the 10th of the month.

One of the Company's first-class steamers will also be dispatched from Southampton for Alexandria, as an extra ship, on the 26 of November next, and of alternate months thereafter, in combination with extra steamers, to leave Calcutta on or about the 20th Cetober and 20th December. Passengers may be booked, and goods and parcels forwarded by these extra steamers to or from SOUTHAMPTON, ALEXANDRIA, ADEN, CEYLON, MADRAS, and CALCUTTA.

BOMBAY.—The Company will likewise dispatch from Bombay, about the lat November next, and of every alternate month thereafter, a first-class steam-ship for ADEN, to meet there the extra ship between Calcutta and Suez; and at Alexandria one of the Company's atom-ship will receive the passengers, parcels, and goods, and convey them to Southampton, calling at Malta and Gibraitar.

But PASSENGERS, PARCELS, and GOODS for BOMBAY and WESTERN INDIA will be CONVEYED THROUGHOUT from SOUTHAMPTON in the Mail steamers, leaving Southampton on the 20th of othor, and of alternate month thereafter, and the corresponding vessels from Suez to Aden, at which latter port a steam-ship of the Company will see make and convey them to Southampton on the 20th of othe month.

But PASSENGERS, PARCELS, and GOODS for BOMBAY and WESTERN INDIA will be CONVEYED THROUGHOUT from SOUTHAMPTON in the Mail steamers, leaving Southampton on the 20th of othe month.

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CONTRACTORS, MANUFACTURERS, AND OTHERS

CONTRACTORS, MANUFACTURERS, AND OTHERS.

REAT BRITAIN STEAM - SHIP.

The PROPRIETORS of this SHIP desire TENDERS for the WHOLE (or for any definite section, that would not prejudic the entirety of the remainder) of her SIEAM MACHINERY, as originally constructed, consisting of FOUR 88-inch CYLINDERS, of 6-feet stroke, with pistons and rods, air-pumps and condensers, connecting-rods and guides, and all the detail of nozzle and valve gearing, necessary to render each pair of cylinders complete in themselves, from the pistons to the crank-piss.

Apply to Mr. Croome, civil engineer, or Capt. Mathews, on board the vessel, Sanden Graving Dock; or Gibbs, Bright, & Co., Liverpool.

AGRICULTURISTS.-IMPROVEMENTS IN THE PREPARATION OF MANURES—AGRICULTURISTS are INVITED to take SAMPLES of MANURES (Stones's Patent Huminato), free of expense, at the office of the GENERAL PEAT WORKING AND MANURE COMPANY, 6, JOHN-STREET, ADELPHI, LONDON.—The Patent Huminate is free from filthy matter; it consists entirely of concentrated decomposed vegetable organic substances, soluble humine cald, fixed mails of amnonia, with other ingredients, according with soil, plant, and climate. It will promote regetation in all its requirements, and invariably improve the soil, and can challenge the best guano, at one-third the cost.

To very scientific person, or practical farmer (however deficient in knowledge of chanical success), who inquires into the composition of these manures, the folly of bringing manuals to England, event though they cost but one quarter the price now paid for them, will appear most undeniably.

Samples may be land on application at the Mining Journal office, 26, Floct-street.

HYPRASE CONSOLS TIN AND COPPER MINE, situated in the parish of ST. ENODEB, near TRURO, CORNWALL.

In 1024 shares, of £5 5s. each.—Deposit £1 7s. 6d. per share.—Conducted solely on the COST-BOOK SYSTEM.

The attention of mining speculators and others are particularly directed to this promising undertaking, which, from the progressive and forward state of the works, holds one every prospect of its soon becoming a good dividend-paying mine; and from its known richness it is well worthy the attention of speculators in mining property.

A few shares only are offered to the public, as more than three parts are already takey up: therefore, immediate application is absolutely necessary, to be made to the Committee of Management, through Mr. Thomas Lewis, No. 17, New Meeting-street, Birmingham; or to Messers.

Boxali and Co., 7, George-yard, Lombard-street, City, London.

Prospectuses, reports, and every information, may be obtained upon application to either of the above-named parties; the Committee of Management have decided to allot shares to approved applicants until further notice.

The deposits may be paid into the bankers of the Company, the "National Provincial Bank of England," at Birmingham; or through their London and provincial houses.

By order of the committee,

Birmingham, August 8, 1851.

THOMAS LEWIS, Purser.

NORTH TRELAWNY MINE (SILVER-LEAD AND COPPER), PARISH OF LINKINHORNE, COUNTY CORNWALL.

COPPER), PARISH OF LINKINHORNE, COUNTY CORNWALL.

In 16,000 parts, or shares, of 10s. each, in scrip to bearer.

This Association is conducted under a Committee of Management, on the principle of the "Cost-book," which exempts proprietors (the undertaking being within the Jurisdiction of the Stannary Court) from any liability beyond the amount of their shares, and enables them to withdraw at any time, by giving notice to the purser to that effect. In addition, scrip (payable to bearer) will be issued for the parts or shares, which will make it optional with the holder to register or not.

This mining sett, from its geological position alone, is one of great value, both for silverlead and for copper, which is confirmed by the discoveries already made, and give assurance of the best results.

North Trelawny is at Billa Mill, in the parish of Linkinhorne, and manor of Rillaton; it is bounded, generally, on the north and east by the Callington district; on the west by the well-known Caradons; and on the south by the celebrated Trelawny district. The Trelawny lode of silver-lead runs through this set north and south, and the Caradon copper lodes likewise traverse the property east and west. It is superfluous te allude to the well-known extraordinary richness of either the Caradon or the Trelawny mines. The stratum generally is dark bine soft "plum" killas, which is so congenial for the production of rich mineral, and can be worked with much facility and economy.

Prospectuses, with form of application for shares, and every information, may be obtained at the offices, No. 30, Bucklersbury.—By order, JAMES A. MAY, Purser.

WHEAL TREASURY,—Granted at 1-24th dues, or royalty.

Divided into 1000 shares, of £10 each—to be paid by instalments as may be required.—Now and for upwards of 18 months past working on the Cost-book Principle. The ores now raising will more than pay the current cost. A steam-engine and other accessary machinery are indispensible for the further development of the mine.

Specimens of the mine, and prospectuses, may be seen and obtained at Mr. Forton office, 5, White Hart-court, Lombard-street, London; or prospectuses may be obtained of John Roscoria, Esq., the purser, Penzance, Cornwall; also of Mr. J. Jones, mine broker, Butler's Head Tavern, Great Bell-alley, Moorgate-street, City.

WEST CAMBORNE MINING COMPANY.
Divided into 5000 shares.—Deposit 20a, per share.
CONDUCTED ON THE COST-BOOK PRINCIPLE.

Divided into 5000 shares.—Deposit 20s, per share.

CONDUCTED ON THE COST. BOOK PRINCIPLE.

LONDON OFFICES,—3, GEORGE-YARD, LOMBARD-STREET.**

These mines are in the same stratum of ground, and stand parallel to, and east and west of, Wheal Greaville, Tolcarne, Conductors, Wheal Harriet, Wast Frances, South Frances, West Basset, North Basset, Conductors, Wheal Harriet, Wast Frances, South Frances, West Basset, North Basset, South Basset, and numerous other valuable and productive mines. They are held under lease for twonty-one years, at 1-18th dues, being situate at Carnyanen (the property of Hendre Molesworth St. Aubyn, Esq.), in the western part of Camborne, in the county of Cornwall—the most metalliferous district in the world. The sett is traversed by many east and west lodes, which present on the backs the usual indications of the district—viz.: gossan, quartz, blende, iron pyrites, fine specimens of grey and oxide of copper ore, together with other metallic concomitants. Several slides and cross-coursee sites shout the junction of the killas and granite, which takes place in the Company's grant.

From the ablest and most careful judgments of the oldest and best mining agents in Cornwall, £6000 is deemed amply sufficient to purchase and erect the necessary machinery, and bring the mines into profitable and good working order; therefore, it is proposed to sell 3000 shares, at £2 each, and the remaining 2000 shares to be retained by the proprietors for the transfer of the property, leases, and remuneration for work done.

The following few mines, situate in the same district, and within a short distance of the Company's grant, have paid, during the past half-year, £39,049 in dividends—the whole expenditure to realise which was £41,022, and the present market value of the same is £645,840. Thus it will be seen that the average return is £95 per cent, per annum upon the original cost, and upwards of £11 15s, per cent, per annum upon the current market value of shares, The aggregate amount of profits from th

€ 1,280	£8320		£134,400
15,000	7000		105,000
19,840	5954		64,480
2,630	5120		102,400
4,500	4500	**********	50,000
21,186	1980		49,600
4,096	1920		40,960
10,000	1750		21,000
1,500	1500		78,000
€80,022	£38,042		£645,840
	15,000 19,840 2,620 4,500 21,186 4,096 10,000 1,500	15,000 7000 19,840 5954 2,630 5120 4,500 4500 21,186 1980 4,096 1920 10,000 1750 1,500 1500	19840 5954 2,620 5120 4,500 4500 21,186 1980 4,096 1920 10,000 1750 1,500 1500

The expenditure, price, and profits divided, as far as can be gathered, are stated above Many other mines in the neighbourhood, not valued, are selling at considerable premiums and fast approaching dividends; but as the market price partakes more of a speculative than intrinsic value, and subject to constant changes, they are omitted.

Applications for shares to be made to the secretary, Mr. H. B. Bousfield, at the of the Company; and to Messrs. Tredimick and Co., 3, George-yard, Lombard-London, of whom prospectuses and all further particulars can be obtained.

PROSPECTUS OF THE LEE MOOR PORCELAIN CLAY

COMPANY.—(Provisionally Registered).—To be carried out on the principle of LIMITED LIABILITY.

Capital £100,000, in 4000 shares, of £25 each.

Calls £2 10s. each (with an interval of two months between each call).

Calls £2 10s. each (with an interval of two months between each call).

DIRECTORS.

The Right Honourable the EARL OF MORLEY, of Kent-house, Knightsbridge, and Saltram, Devonshire, Chairman.

THOMAS HAWES, Esq., 15, Regent-street, London, Deputy-Chairman.

Sir WILLIAM SNOW HARRIS, Knt., Plymouth.

THOMAS H. BULTEEL, Esq., banker, Plymouth.

CHRISTOPHER HARRIS, Esq., banker, Plymouth.

JAMES RHODES, Esq., Londbard-street, London.

AUDITORS—Henry Lloyd Morgan, Esq., Langbourne Chambers, Fenchurch-st., London;

John Radford, Esq., Plymouth.

SECRETARY—Mr. Sidney Smith.

SOLICITORS—Messrs. Amory, Travers, and Smith, London.

CONSULTING, ENGINEER—John Hawkshaw, Esq., 33, Great George-street, Westminster BANKERS—The London and County Bank.

OFFICESS—No. 30, BUCKLERSBURY, LONDON.

OFFICES,—No. 30, BUCKLERSBURY, LONDON.

Referring for detailed particulars to the prospectus, of which copies may be had at the offices, the Directors amounce that one-half of the whole stock consists of preferential shares, entitled to a dividend of 6 per cent. before any profits are divisible upon the remainder of the stock.

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TO THE MINING AND SHIPPING INTERESTS.

TO THE MINING AND SHIPPING INTERESTS.

WIRE AND HEMP ROPES,—MANUFACTURED under HAYDOKK ROPE-WORKS, NEAR WARRINGTON.

Applicable to SHIPPING, INCLINED PLANES, MINES, COLLERIES, &c.; stalso to WIRE CABLES for SUBMARINE, OVERLAND, and UNDERLAND TELEGRAPHS. Sizes, with comparative weights and strength, as also price per owt. or fathom, may be obtained on application to the patentee.

All sizes of wire strands, railway signal lines, flat and round copper rope, lightning conductors, window sash lines, &c.—Warrington, July 5, 1851.

AND OTHERS.

AND OTHERS.

PATENT STEAM WHIPPING COMPANY.

Messrs. E. & A. PRIOR the Managers of this Company, are now UNLOADING, by means of an ENGINE, their COLLIERS in the THAMES, at an average rate of 20 tons per hour, or upwards of the cohundred tons per day, and at a considerable reduction in cost. They have numerous highly satisfactory certificates from captains whose ships they have discharged, and to the owners of which the greatly increased dispatch is obviously a matter of the greatest importance.

They have numerous began, and the owners of which the greatly increased dispates a very large of the greatest importance.

The remarkably small dimeasions and weight of the engine admits of its being placed on, and removed from, the solid placed with the greatest facility and dispath, by means of the barge and derick, These engines are also thoroughly adapted for unloading in the docks, or for permanent use on board all large ships, where, in addition to working out the cargo, they might be mest advantageously used for doing all the other heavy work, such as pumping, lifting the anchor, warping &c.

This company are now prepared to contract-for the unloading of any quantity of coals, or tolgrant Licenses for the use of the patent, on application to the meanagers,

Messrs. E. & A. PRIOR, 183, Upper Thames-street, London.

THE PATENT WATER-BALLAST STOWAGE BAGS and PUMPS having BEEN TESTED, and met the approval of practical men, the Public is respectfully informed that all is now prepared for FITTING UP SHIPS, by application to Mr. KIRK, at the Works, GIBSONS-BUILDINGS, NEWCASTLE-UPON-TYNE, where a pamphile and illustrations may be obtained by, or forwarded to, parties, and where all inquiries will be fully replied to:—Newcastle-upon-Tyne, Aug. 15, 1941.

NEVON COPPER ORE SMELTING COMPANY.

EVON COPPER ORE SMELTING COMPANY.

[PROVISIONALLY REGISTERED.]

tal £12,000, in £12,000 shares, of £1 each—(No further call or increase of capital).

FIRST DIRECTORS.

JAMES LAMB, Esq., 89, Gloucester-terrace, Hyde park

GEORGE BURN OMAN, Esq., 23, Westbourne-terrace road, Hyde-park

ALEXANDER PFIER, Esq., Beinopagate-street-within

JOHN R. DAVIDSON, Esq., Elm Villa, Finchley.

BANKERS.

LONDON—The London and Westminster Bank, Lotibury

COUNTRY—Messrs. Hawkey, Nicholis, and Co., Falmouth

SOLICITOR—E. Manby, Esq., Lombard street Chambors.

PROVISIONAL SECRETARY—E. Manby, Esq.

BROKERS—Messrs. Lind and Richard, Bank Chambers, Lothbury.

is well known that the immense quantities of poer copper ore at the mines of Devon

BROKERS—Messra. Lind and Rickard, Bank Chambers, Lothbury.

It is well known that the immense quantities of poor copper ore at the mines of Devon and Cornwall have hitherto been deemed almost valueless, owing to the expense attending the extraction of the copper, but by a method of concentrating and converting patented, as "Todd's Patent," not only the copper, but the other chemical products, particularly the arsenic, in these descriptions of ore, can now be made available at a very small expense; the copper being concentrated for sale to the smelter, and at the same time, without any additional expense, the arsenic is extracted; the profit from the latter alone being sufficient to defray the cost of concentrating the copper, and to leave a large return. The efficacy of this process has been proved to the satisfaction of the most experienced chemists, amongst whom may be named Dr. Ure, M.D., F.E.S., and Professor of Chemistry; and William Phillips, Esq., Carator of the Museum of Practical Geology.

Arrangements have been made with the patentee upon favourable terms, and the object of this company is to carry into effect, to the largest practical extent, the process in question: and after the closest investigation, the directors feel justified in anticipating a very large return for the capital employed, as shown by the following estimate:—

The coat of 3000 tons of ore, and expense of working the same, in coke, wares.

Any person well acquained with the value of the two products, copper and arsenic, will at once perceive that the above is rather under than over the mark.

The above calculation is given merely to show the result on 3000 tons, but the works will be capable of concentrating a much larger quantity annually.

The patentee has offered to the company the temporary use of his extensive premises at Bissoe, near Turro, until the company's works are erected, and these premises having already been used by him in proving the value of his patent, the company will be able, immediately on being formed, to commence working.

The copper regulus obtains a ready sale to almost any extent; and the consumption of arsenic is very considerable, and annually increasing—the present consamption being 3000 tons per annum. An interest to the extent of 3000 shares will be taken by the patentee, and the agreement with him, as also the reports of Dr. Ure and Mr. Phillips, may be seen, and all further particulars learned, at the office of the company.

Prospectuses and forms of applications for shares may be obtained at the temporary office of the company, Lombard street Chambers, of the sellctor, and of the brokers.

Scrip in exchange for the bankers' receipte, will be issued the week after allotmost:

office of the company, Advanced to Scrip in exchange for the bankers' receipts, will be issued to the Strip in exchange for the bankers' receipts, will be issued to the Company, and I for the District of the Strip in the above Company, and I hereby agree to take the same, or any loss number you may allot me, and to sign the Deed when required.

Address.

Occupation
Occupation
Reference.

FINAL NOTICE.

ST. AGNES BEACON TIN AND COPPER MINE, CORNWALL.—In 2500 shares, of £1 1s. each.
(ON THE COST-BOOK SYSTEM—No further Liability).

In conformity to the Law of the Stannaries.—Committee to be selected from the share-holders.

The share list being nearly complete, NO FURTHER APPLICATIONS will be RE-CEIVED by F. W. Pike, Esq., 26, Bedford-row; or Mr. John Morgan, sworn broker, 2, Opthall-court, London, after SATURDAY NEXT.

Dated Sentember 12, 121. Dated September 13, 1851.

WHEAL CARPENTER.—At a GENERAL MEETING of adventurers, held at the Bedford Hotel, TAVISTOCK, on Tuesday, the 9th of Sept., 1851, pursuant to Notice, duly given by circular, dated 28th day of August last, GEORGE WHITMORE, Esq., in the chair,

GEORGE WHITMORE, Esq., in the chair,
The resolutions of the last meeting were read, and the cost-book and purser's accounts having been submitted, with the committee's certificate of audit—showing a balance in favour of the Company of £9 6s. 8d. at the bankers, it was Resolved,—That the same be allowed and passed, and an analysis thereof made at the end of these minutes.

of these minutes.

to report of Capt. Lean (for which see "Mining Correspondence") having been read, was resolved,—That it be received and copied with these minutes. having been reported by the committee that Mr. Jeliu Hitchins had resigned the of manager, on going abroad, and that it was not thought necessary to fill up his tion. It was

It having been reported by the committee that all the professory to fill up his office of manager, on going abroad, and that it was not thought necessary to fill up his situation, it was

Resolved,—That Capt. Wm. Lean be now appointed the resident mining agent, at Bix Guineas per month, commencing from the month of June last.

Resolved,—That a call of £1 per share be now made, half thereof to be paid within 21 days, and the other half within two months.

The purser reported that one proprietor holding 50 shares is the only one in arrear for calls, and having submitted to the meeting a letter from such proprietor,

It was resolved,—That the eleventh rule in the regulations of the company be enforced, and that the 50 shares of this proprietor be accordingly absolutely forfeited—and that he be informed that the company cannot recognise the claim of any advanturer, to supply materials as a set-off against his calls, although this meeting admits the propriety of giving to shareholders who duly pay their calls, the preference of supply at the lowest marked price for each; and also that upon payment of this arrear of £50 within 14 days, it will be recommended to the next general meeting to restore these shares.

Resolved,—That the thanks of the meeting be given to the committee for their services.

Resolved,—That these minutes, together with the report and accounts be printed and circulated amongst the shareholders.

The thanks of the meeting were unanimously presented to Mr. Whitmore for his conduct in presiding.

The thanks of the meeting were unananament of duct in presiding.

Dr.

April 8—Balance per account, audited and passed at general meeting of this date.

Amount of call made at this meeting.

£ 81 7 1

Amount of call made at this meeting.

£ 1024 0 0

Less one proprietor in arrear

£ 1025 7 1
 Dr.
 ASSETS.
 £ 9 6 8

 Sept. 9 — Balance at bankers
 £ 0 0 0

 Call unpaid
 50 0 0

 Balance
 431 8 6
 Cr. LIABILITIES. £490 9 2

Cost for August, and completion of engine and pitwork, computed 250 0 0

WHEAL MATILDA (SILVER-LEAD),
In the parish of BROADOAK, in the county of CORNWALL.

Divided into 1200 shares.

ON THE COST-BOOK PRINCIPLE.

This sett is held under a lease granted by the Right Honourable Baroness Gronville, of Dropmore, in the county of Bucks, for 21 years from the 14th day of February, 1852. It adjoins Wheal Catherine, and is very conveniently situated and extensive—full 700 fms. in length and the same distance in breadth. A shaft is now in the course of sinking on one of the lodes, and is down 4 fathoms below the surface, at the bottom of which is a good course of lead in a large flookan lode, with spar, peach, prina &c. Such a discovery so near the surface is very rarely met with; those who have inspected it have reported that it very much resembles the East Wheal Rose. A small parcel of lead is already in course of cleaning, the produce of which is about £25 per ton for silver and lead. The assay was by Mr. John Harney, Liskcard.

The proprietor has expended about £160 in discovering and opening on the loder. Such are the prospects that are laid open that no one can dany that it is a sure investment. The proprietor, whing to work the mine with spirit and economy, is disposed to offer 1000 of the shares to any respectable company that will take them and work the mine immediately, at any reasonable terms they may be disposed to offer. A very little outlay

offer 1000 of the shares to any respectable company that will take them and work the mine immediately, at any reasonable terms they may be disposed to offer. A very little industry will bring the mine into a paying condition, it being only now necessary to provide funds to pay for the erection of a good water wheel, pitwork, floors for dressing the lead, &c., the mine will then pay its own cost; this will only take from 10s. to 12s. per share. The proprietor has witnessed the opening of many new lodes in his time; and he scruples not to say in confidence, that there never was a better discovery made in this county at the depth. Such an opportunity never was offered to the public on such favourable conditions. He is well aware of the evils connected with merely getting up setts for ale-drawing money by hundreds and thousands from the pockets of the unwary, as some have done, with no view of benefitting the public; this is hopes will never be his motive. He, therefore, wishes persons desirous to take shares to either go and inspect the mine for themselves, or send some practical man, or men, to hispect the concern before they embark.

embark.

The ground in this sett is very cheap for exploring, being a soft-flooken clay-siste, and is much the colour of the lead. There is one great and invaluable advantage connected with the working of this property—a never-failing river runs through the sett, which can be applied to the working of all machinery that may be required, thus cartailing all expressed is starm-property only for the colour of the colour o

be applied to the working of an inscending that "as the required, thus carraining at expenses in steam-engines, coals, &c.

Parties wishing to treat for any part or all of the 1000 shares may know the conditions to applying either to Mr. John Setphons, Gange Cottage, St. Ives, near Liskeard; or to Mr. Themas Sargent, Liskeard; to Mr. William Doney, auctioneer, Liskeard; or to Mr. Themas Sargent, Liskeard; to Mr. Reynolds, 23, Threadneedlo-street, and Massra. Holyneux and Co., 34, Threadneedle-street, London.

** Many parties have applied for the sett aiready, but the proprietor's wish is to have a good company.

PASSON TATAL	THE		G SHARE				Shares. 1024 Trebarvah, Peri 2048 Trebell Consols	annthnoe	. 1 41	
### Affred Consols (copper), Philised 1948 ### Allt-y-Crib (sliver-lead), Talybo 1954 ### Balleswidden (tia), \$t. Just 4009 ### Bedsaawell Downs (tin), \$t. Just 4009 ### Bedsaawell Copper and tin), Camb 1955 Condurrow (copper and tin), Camb 1955 Condurrow (copper and tin), Camb 1955 East Wheal Rose (eliver-lead), \$t. 1955 East Wheal Rose (eliper), \$t. East 4000 ### East East East East East East East East	k	Paid. D	### ### ### ### ### ### ### ### ### ##	Last Paid. 20 6 0 Aug. 0 2 6 0 4 to Aug. 0 4 to Aug. 5 0 to May 0 5 to Jane 2 0 to June 2 0 to June 15 0 to Aug. 15 0 to Aug. 15 0 to Aug. 16 to Aug. 17 0 to Aug. 18 0 to Aug. 19 10 to Aug. 20 to Aug. 10 to Aug. 21 to to Aug. 3 to Aug. 21 to to Aug. 3 to Aug. 3 to Aug. 4 to Aug. 3 to Aug. 3 to Aug. 4 to Aug. 3 to Aug. 3 to Aug. 4 to Aug. 3 to Aug. 3 to Aug. 4 to Aug. 3 to Aug. 3 to Aug. 4 to Aug. 5 to Aug. 5 to Aug. 6 to Aug. 6 to Aug. 7 to Aug. 7 to Aug. 9 to Aug. 10 to Aug. 11 to Aug. 12 to Aug. 13 to Aug. 14 to Aug. 15 to Aug. 16 to Aug. 17 to Aug. 18 to Aug. 19 to Aug. 19 to Aug. 10 to Aug. 20 to Aug. 20 to Aug. 20 to Aug. 21 to Aug. 21 to Aug. 21 to Aug. 21 to Aug. 22 to Aug. 23 to Aug. 24 to Aug. 25 to Aug. 26 to Aug. 27 to Aug. 28 to Aug. 29 to Aug. 20 to Aug. 20 to Aug.	1 1 1 1 1 1 1 1 1 1		2048 Trebell Consols 500 Tregardock (ies 224 Tregarden (air) 1009 Trejorn Consols 1024 Tremance (copp 600 Trejorn Consols 1024 Tremance (copp 600 Trenance (copp 600 Trenance (copp 600 Trenance (copp 600 Trenance (copp 601 Tremance (copp 602 Tremance (copp 602 Tremance (copp 603 Tremance (copp 604 Tremance (copp 605 Tremance (copp 606 Tremance (copp 607 Tremance (copp 607 Tremance (copp 608 Tremance (copp 609 Tremance (copp 609 Tremance (copp 609 Tremance (copp 600	(tin and copper), Lanlwd, St. Teath vielad) Wadebridge eer), St. Erth (tin), St. Ive's., Liskeard er), Helston µraries)	1	10
## Appledore (allver-lead, and cop.) St. 940 ## Balnoon Consols (tin), Uny Ledant Bell and Lanarth (copper), Gwenns Bishopstone (allver-lead), Glamorge Bishopstone (allver-lead), Glamorge Bishopstone (allver-lead), Glamorge Bishopstone (norm), South Wales ## Bishopstone (allver-lead), Glamorge Bishopstone (norm), South Wales ## Bishopstone (allver-lead), Glamorge Bishopstone (norm), St. Just. ## Bodmin Monor Consols (tin and copper Bodmin Whose Manpean (tin), St. Just. ## Boseona (tin), St. Ju	Tyes	# Price. Present Price 2 2 4 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Shares. 243 Grambler and St. Aut 6500 Great Bryn Consols (10000 Great Cowarch (silve) 1004 Great Polgooth (tin), 244 Great Shebs Consols (1024 Great Shebs Consols (1024 Great Wheal Aired, S. 1024 Great Wheal Aired, S. 1024 Great Wheal Aired, S. 1026 Great Wheal Raddern 6000 Great Wheal Martha . 1026 Gustavas Mines (coppe 6100 Hignston Down Con. 31 Helvellin Mining Comp 1500 Hennock (silver-lead), 1000 Hibernian (copper) in 1000 Hibernian (copper) in 1000 Kemmare and West of 1019 Keswick (lead), Portin 1019 Keswick (lead), Portin 1024 La Min (Gwinear), tin 1024 Miller (Lange Copper) 11 Mellin Llyn (silver-lead 1020 Marke Valley (copper) 12 Mellin Llyn (silver-lead 1024 Miller (Lange Copper) 12 Mellin Llyn (silver-lead 1026 Morvah Consols (tin), to 1027 Mineral Court (tin), n 1024 Miller (Lange Copper) 1025 Mineral Court (tin), n 1024 Miller (Lange Copper) 1026 Morth Buller (copper), o 1027 Morth Buller (copper), o 1028 North Buller (copper), o 1029 North Buller (copper), o 1020 North Buller (copper), o 1021 Morth Buller (copper), o 1022 Morth Healt (copper), o 1023 Morth Healt (copper), o 1024 Morth Healt (copper), o 1026 North Teffaiss (tin and 1020 North Buller (copper), o 1027 North Wheal Leisure, o 1028 North Teffaiss (tin and 1029 North Buller (copper), o 1029 North Teffaiss (tin and 1020 North Buller (copper), o 1024 North Wheal Leisure, o 1025 Poenlauger . 1026 Poenlauger . 1027 Poenlar (copper and tin 1028 Sither Yalley & Wh. Br 1024 Prince Albert (tin), Per 1026 Routh Pialn Wood (copp 1027 Poenlar (copper), Car 1028 South Friendahlp Win. 1029 South Friendahlp Win. 1020 South Friendahlp Win. 1021 South Friendahlp Win. 1022 South Friendahlp Win. 1023 South Friendahlp Win. 1024 South Friendahlp Win. 1025 South Friendahlp Win. 1026 South Friendahlp Win. 1027 South Friendahlp Win. 1028 South Friendahlp Win. 1029 South Speed (copper), Car 1020 So	copper and tin)lead), Merioneth- St. Austell (tin and copper)	84	9 10 174 2 16 18 19 2 18 18 14 18 8 9 ch 15 18 6 ch 7 of 24 24 Ro heiber gra 8 8	1080 Wheal Oak, near) 2000 Wieal Penlale (h. 128 Wheal Plenty (co.) 128 Wheal Plenty (co.) 128 Wheal Providence (2048 Wheal Russell (co.) 20500 Wheal Providence (2048 Wheal Russell (co.) 2050 Wheal Russell (co.) 20500 Wheal Russell (co.) 20500 Wheal Russell (co.) 2010 Wheal Spand (co.) 2012 Wheal Spand (co.) 2012 Wheal Spand (co.) 2012 Wheal Spand (co.) 2014 Wheal Spand (co.) 2016 Wheal Stanagwyn 2010 Wheal Trefusheck 2024 Wheal Trefusheck 2026 Wheal Trefusheck 2027 Wheal Trefusheck 2026 Wheal Trefusheck 2027 Wheal Trefusheck 2027 Wheal Trefusheck 2027 Wheal Trefusheck 2027 Wheal Trefusheck 2028 Wheal Uny (tin an 2024 Wheal Uny (tin an 2024 Wheal Uny (tin an 2024 Wheal Victoria (co.) 2024 Wheal Victoria (co.) 2026 Wheal Wheal Victoria (co.) 2027 Wheal Wheal Victoria (co.) 2028 Wheal Wheal Victoria (co.) 2029 Wheal Williams (co.) 2020 Wheal Williams (co.) 2021 Wheal Williams (co.) 2022 Wheal Williams (co.) 2023 Wheal Williams (co.) 2024 Wheal Williams (co.) 2026 Wheal Williams (co.) 2027 Wheal Williams (co.) 2028 Wheal Williams (co.) 2029 Wheal Williams (co.) 2020 Wheal W	iciston and and copper) per), Redruth pper), St. Agnes copper), St. Stephen's ge and Crowan ympton. copper), St. Stephen's ge and Crowan ympton. copper), St. Kew copper), St. Kew tin and cop., Redruth copper), St. Kew tin and cop., St. Stephens copper), St. Stephens copper), St. Stephens copper), St. Stephens copper) de copper de copper) de copper de	1	he Patentees form Merchants, ting Operations, le, the PATENT patent right, in- the gunpowder. I by greatly imp- me, Cornwall? Adapted for sreported on by PROPELLERS, rly where there and for all ma- ine undersigned, kinner-street. EK. Its in the treat- convenient for furnaces. and preparation betances, and in do other articles Classon, Dublin- portable bath- side, pari edge Ranson, Burr, guage.—W. H.